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WAR DEPARTMENT, - - ADJUTANT GENERAL'S OFFICE.

MILITARY INFORMATION DIVISION.

No. XVII.

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SOURCES OF INFORMATION  
ON  
MILITARY  
PROFESSIONAL SUBJECTS.

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A CLASSIFIED LIST OF BOOKS AND PUBLICATIONS.

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*NOVEMBER 10, 1897.*

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WASHINGTON:  
GOVERNMENT PRINTING OFFICE.  
1898.



W26.3<sup>1</sup>.17

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**WAR DEPARTMENT,  
ADJUTANT GENERAL'S OFFICE.  
Document No. 55.  
Military Information Division.**

## INTRODUCTORY NOTE.

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The following pages contain a complete list of books and publications (not confidential) received in the Military Information Division of the Adjutant General's Office up to July 1, 1897. The collection is intended to be, in the main, a technical one, but during the past year some additions have been made from the general military literature of the day, so far as the available means have permitted. The works belonging to the Military Information Division are not, in general, available for circulation among officers of the Army outside of the city of Washington, as they are constantly required for consultation in answering official questions submitted by the War Department and the Headquarters of the Army. Duplicates of some of the works mentioned in these pages can be obtained from the War Department Library, which also contains much military literature—historical, polemical, etc.—which can be obtained for a limited time by Army officers upon their application.

ADJUTANT GENERAL'S OFFICE,

WASHINGTON, *November 15, 1897.*



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## LIST OF COUNTRIES.

The countries are arranged under each subject in the following order :

AFRICA.

AUSTRIA-HUNGARY.

BALKAN STATES :

Bulgaria, Montenegro, Roumania, and Servia.

BELGIUM.

CANADA.

CHINA.

CUBA :

The remainder of the Spanish colonies are under Spain.

DENMARK.

FRANCE.

GERMANY.

GREAT BRITAIN :

Including all colonies except Canada.

GREECE.

HAWAII.

ITALY.

JAPAN.

JAVA.

KOREA.

LATIN AMERICA :

Including Mexico, the former Spanish West Indies, the Central American States, and the South American States.

NETHERLANDS.

PORTUGAL.

RUSSIA.

SPAIN :

Except Cuba.

SWEDEN AND NORWAY.

SWITZERLAND.

TURKEY.

UNITED STATES.

GENERAL.

## ADMINISTRATION.

### AUSTRIA.

Handbuch für die Militär-Administration, zusammengestellt zum Unterricht und Feldgebrauch. (Handbook for military administration, compiled for instruction and use in the field.) Von Eugen Lenz. 3 parts, 56, 96, 116 pp. Prag, 1890.

Leitfaden für den Unterricht in der Militär-Administration. Im Auftrage des k. u. k. Reichs-Kriegs-Ministeriums für die k. u. k. Militär-Akademien und Cadettenschulen bearbeitet von Coloman Kiticsán, k. u. k. Oberstlieutenant ü. c. im Artillerie-Stabe, Adjutant und Lehrer an der technischen Militär-Akademie. (Guide for instruction in military administration. Prepared by order of the imperial War Department for the use of the military academies and cadet schools.) 294 pp. Wien, 1897.

Instruction für die Verwaltung und Verrechnung der Armatur und Munition der k. k. Landwehr und des k. k. Landsturmes. (Instructions for the administration and accounting of the arms and ammunition of the Austrian landwehr and landsturm.) vii, 135 pp. Wien, 1897.

Der schriftliche Verkehr des Reserve-Officers (Cadetten) des k. u. k. Heeres, sowie des nichtaktiven Officers (Cadetten) der k. k. Landwehr. Verfasst von Michael Csermák, Oberlieutenant und Regiments-Adjutant im k. u. k. Infanterie-Regiment Erzherzog Friedrich No. 52. 3. Auflage. (The correspondence of the reserve officer (cadet) of the Austro-Hungarian army and of the nonactive officer (cadet) of the Austrian landwehr.) 124 pp. Wien, 1896.

Anleitung für den operativen Generalstabs-Dienst. (Instructions for the operative general staff service.) 2. Auflage. iii, 113 pp. Wien, 1879. [Fd. "Field Service and Training."]

Handbuch für Officiere des Generalstabes (mit besonderer Rücksicht auf deren Dienst im Felde). Bearbeitet von Anton Edler von Springer, k. und k. Major. (Handbook for officers of the general staff, with special reference to their service in the field. Compiled by Anton Edler von Springer, major in the Austro-Hungarian army.) 6. Auflage. 412 pp., 8 pl. Wien, 1890,

— The same. 8. Auflage. 398 pp., 12 pl. Wien, 1895. [Fd. "Field Service and Training."]

Provisorische organische Bestimmungen für die k. u. k. Festungs-Artillerie vom Jahre 1892. (Provisional organic regulations for the Austro-Hungarian fortress artillery, of 1892.) 20 pp. Wien, 1895. [Fd. "Regulations."]

## AUSTRIA—Continued.

**Dienst-Reglement für das kaiserliche und königliche Heer. (Service regulations for the Austro-Hungarian army.)**

- I. Theil. Zweite Auflage des Reglements vom Jahre 1873. (Second edition of the regulations for the year 1873.) viii, 401 pp. Wien, 1888.
- II. Theil. Zweite Auflage des Reglements vom Jahre 1874. (Second edition of the regulations of the year 1874.) viii, 271 pp. Wien, 1887.
- The same. Third edition. 240 pp. Wien, 1896.
- III. Theil. Cavallerie. Zweite Auflage des Reglements vom Jahre 1876. (Cavalry. Second edition of the regulations of the year 1876.) vi, 87 pp. Wien, 1890.
- The same. Infanterie und Jägertruppe. (Infantry and rifles.) 106 pp. Wien, 1890.
- III. Theil. Pionniere-Truppe und Anstalten des Pionnier-Zeugwesens. (Pioneer troops and establishments of the pioneer depot service.) vi, 89 pp. Wien, 1894.
- The same. I. und II. Theil in Fragen und Antworten. (Parts I and II in questions and answers.) 574 pp., 5 pl. Wiener-Neustadt, 1888. [Fd. "Army Orders and Regulations."]

## BALKAN STATES.

## ROUMANIA.

- Ministerul de resboiu. Regulament asupra serviciului interior al trupelor de cavalerie. (Regulations for the interior service of cavalry.) 219, vi, 41 pp. Bucuresti, 1896. [Fd. "Regulations."]
- Ministerul de resboiu. Regulament asupra serviciului interior al trupelor de infanterie. Decretat la 18 maiu 1885. (Regulations for the interior service of infantry of May 18, 1885.) 190, viii, 16 pp. Bucuresti, 1897. [Fd. "Regulations."]
- Ministerul de resboiu. Regulament asupra serviciului de garnisona. (Garrison service regulations.) 76 pp. Bucuresti, 1897. [Fd. "Regulations."]

## BELGIUM.

- Instruction générale sur la tenue des registres matricules des officiers. (General instruction on the manner of keeping officers' descriptive rolls.) 31 pp. Bruxelles, 1888. [Fd. "Recruiting."]
- Infanterie. Règlement sur le service intérieur, la police et la discipline. (Infantry. Regulations on interior service, police, and discipline.) xii, 152 pp., 16 blank forms. Bruxelles, 1889.
- The same. xv, 157 pp., 21 blank forms. Bruxelles, 1896.
- Règlement pour le service de garnison, expliqué par P.-A.-F. Gérard. Édition officielle. (Regulations for garrison service, explained by P. A. F. Gérard. Official edition.) 172 pp. Bruxelles [no date].
- Instruction générale relative aux congés des officiers. (General instruction in respect of officers' leaves.) 20 pp. Bruxelles, 1889.
- Instruction générale pour les inspections annuelles. (General instruction for annual inspections.) 72 pp. Bruxelles, 1891.
- Recueil d'instructions relatives aux inspections générales par Paternostre, lieutenant au 12<sup>e</sup> de ligne. (Collection of instructions bearing on general inspections, by Paternostre, lieutenant in the 12th line regiment.) 24 pp. Liège, Mars, 1891.

## BELGIUM—Continued.

Instructions complémentaires au règlement provisoire sur le service de campagne. II. Extrait du règlement sur les prestations militaires. (Instructions complementary of the provisional regulations on field service. II. Extract from the regulations on issues to soldiers.) 47 pp. Bruxelles, 1894. [Fd. "Field Service and Training."]

Des belligérants et des prisonniers de guerre. Par Édouard Romberg. (Of belligerents and of prisoners of war.) 305 pp. Bruxelles, 1894.

Dispatch blanks and portfolio. Brussels, 1894.

Recrutement et avancement des officiers par le Major Ducarne. (Recruitment and promotion of officers, by Major Ducarne.) 47 pp. Bruxelles, 1897.

Tableaux historiques des régiments de l'armée belge. Souvenir du 3<sup>e</sup> régiment de chasseurs à pied. (Historical plates of the regiments of the Belgian army. Souvenir of the 3d [foot] rifles.) [Colored plate with appropriate text.]

## CANADA.

How Canada is governed. A short account of its executive, legislative, judicial, and municipal institutions, with an historical outline of their origin and development. J. G. Bourinot, C. M. G., L. L. D., D. L. 344 pp. Toronto, 1895.

## CUBA.

Las impedimentas en Cuba. (Menage de campamento.) Subsistencias de jefes, oficiales y tropa y modo de transportarlas. Apéndice á las cartillas de uniformidad. Modelos presentados al Excmo. Sr. Ministro de la Guerra por V. Cabanellas, coronel retirado. (Baggage in Cuba. (Camp outfit.) Subsistence stores for commanding officers, officers, and men, and mode of transporting them. Appendix to the uniform regulations. Models presented to his excellency the Minister of War, by V. Cabanellas, colonel on the retired list.) 8 pp. Cartagena, 1895.

## FRANCE.

Ministère de la guerre. Décret du 24 mars 1877 portant règlement d'administration publique sur le service de la trésorerie et des postes aux armées. (Ministry of war. Decree of March 24, 1877, promulgating administrative regulations on the paymasters and the post office departments in the army.) 16 pp. Paris, 1877.

Instruction du 12 décembre 1887 sur le service de la trésorerie et des postes d'étapes. (Instruction of Dec. 12, 1887, on the paymaster's department, and on the post office department during marches.) 44 pp., 2 pl. [No place, no date.]

Ministère de la guerre. Instruction du 28 août 1889 sur le fonctionnement du service de la trésorerie et des postes de 1<sup>re</sup> ligne. (Ministry of war. Instructions of Aug. 28, 1889, on the working of the paymaster's department, and of the post offices of the first line.) 16 pp. Paris, 1889.



## FRANCE—Continued.

Conférences sur l'administration et le droit administratif, faites à l'école des ponts et chaussées. (Lectures on administration and on the law of administrations, delivered at the école des ponts et chaussées.) Par Léon Aucoc. 2<sup>me</sup> édition.

Tome I. Organisation et attributions des pouvoirs publics. (Organization and jurisdiction of public powers.) 702 pp. Paris, 1878.

Tome II. Règles générales relatives à l'exécution des travaux publics. (General rules on the execution of public labors.) 742 pp. Paris, 1879.

Cours d'administration. École spéciale militaire. 1<sup>re</sup> année. (Course of administration. Special military school [St. Cyr], 1st year.) 368 pp. 1894-95.

—— The same. Avec annexe. 2<sup>me</sup> année. (With appendix, 2d year.) 128, 161 pp. 1894-95.

Recueil administratif à l'usage des corps de troupe de toutes armes, ou code manuel. (Administrative manual or code for troop units of all arms.) Par E. Charbonneau. 8<sup>me</sup> édition. 869 pp. Paris-Limoges, 1894.

Manuel de législation, d'administration et de comptabilité militaires, à l'usage des officiers et des sous-officiers de toutes armes. (Manual of military legislation, administration, and accounting for officers and non-commissioned officers of all arms.) Par le lieutenant-colonel L. Bengé. 10<sup>me</sup> édition. 2 vols. xxx, 840; xxxii, 1409 pp. Paris, 1896. [Fd. "Organization and Distribution."]

Nouveau manuel d'administration et de comptabilité militaires à l'usage des corps de troupe. (New manual of administration and of military accounting for the use of troop units.) Par le capitaine Victor Nicolas. xxii, 582 pp. Paris, 1892.

Vade-mecum administratif de MM. les capitaines-commandants et des sous-officiers comptables. Par un officier d'administration. (Administrative vade-mecum for first captains and accountant noncommissioned officers. By an officer of the administrative service.) 8<sup>me</sup> édition. 364 pp. Paris-Limoges, 1896.

Décret du 1<sup>er</sup> mars 1880, modifiant l'ordonnance royale du 10 mai 1844, portant règlement sur l'administration et la comptabilité des corps de troupe. Instruction du 1<sup>er</sup> mars 1880, pour l'application dudit décret. (Decree of March 1, 1880, modifying the royal ordinance of May 10, 1844, promulgating regulations on the administration and the accounts of troop units. Instructions of March 1, 1880, for the application of the said decree.) 75 pp. Paris, 1880.

Ordonnance du roi du 10 mai 1844, portant règlement sur l'administration et la comptabilité des corps de troupe. (Royal ordinance of May 10, 1844, promulgating regulations on the administration and accounts of troop units.) 197 pp. Paris, 1885.

Décret portant règlement sur l'administration et la comptabilité des corps de troupe. (Decree promulgating regulations on the administration and the accounting of troop units.) 270 pp. Paris, 1893.

## FRANCE—Continued.

Règlement du 9 septembre 1888, sur la comptabilité des matières appartenant au département de la guerre. Instructions du 23 décembre 1888, pour l'application de ce règlement. Édition refondue et mise à jour conformément à la note ministérielle du 1<sup>er</sup> décembre 1892. (Regulations of Sept. 9, 1888, on the system of accounting for material belonging to the army. Instructions of Dec. 23, 1888, for carrying out these regulations. Revised edition, brought up to date in conformity with the ministerial note of Dec. 1, 1892.) pp. 205-430. Paris, 1893. [Fd. "Equipment."]

Décret du 10 juin 1889, sur la comptabilité des corps de troupe en campagne, suivi de l'instruction pour l'application dudit décret. (Decree of June 10, 1889, on the accounts of troop units in the field, with the instructions for carrying out the said decree.) Paris, 1894. [Fd. "Equipment."]

Instruction du 28 juin 1894, sur le service courant. (Instructions of June 28, 1894, on current service.) 212 pp. Paris, 1894.

Règlement du 9 avril 1858 sur le service intérieur de la gendarmerie. (Regulations of April 9, 1858, on the interior service of the gendarmery.) 128 pp. Paris, 1883.

Décret du 28 décembre 1883, portant règlement sur le service intérieur des troupes de l'artillerie et du train des équipages militaires. 2<sup>me</sup> tirage. (Decree of the 28th of December, 1883, promulgating regulations on the interior service of the artillery and of the train. 2d impression.) 422 pp. Paris, 1884.

Décret du 28 décembre 1883, portant règlement sur le service intérieur des troupes de cavalerie. (Decree of the 28th of December, 1883, promulgating regulations on the interior service of cavalry.) 397 pp. Paris, 1886.

Administration intérieure d'une compagnie, en station, en route, en campagne. (Interior administration of a company, in its garrison, on the march, and in the field.) vi, 189 pp. Paris, 1894.

Extraits des décrets sur le service des places, le service intérieur et le service des armées en campagne, à l'usage des troupes de l'artillerie et du train des équipages militaires. (Extracts from the decrees on the service in fortified places, on interior service, and on service of armies in the field, for the use of artillery troops, and of the men of the military train.) Édition de 1893. 367 pp. Paris, 1895.

Décret du 20 octobre 1892, portant règlement sur le service intérieur des troupes d'infanterie. 6<sup>e</sup> édition, annotée et mise à jour jusqu'en mai 1895, suivie d'un appendice contenant la note ministérielle et instruction du 30 mars 1895, relatives à l'hygiène des troupes. (Decree of Oct. 20, 1892, promulgating regulations on the interior service of the infantry. 6th edition, annotated, and brought up to May, 1895, with an appendix containing the ministerial note and instruction of Mar. 30, 1895, relative to the hygiene of troops.) 540 pp. Paris, 1895.

Décret du 20 octobre 1892, portant règlement sur le service intérieur des troupes de l'artillerie et du train des équipages militaires. (Decree of Oct. 20, 1892, promulgating regulations for the interior service of the artillery and of the train.) 493 pp. Paris, 1896.

## FRANCE—Continued.

Note ministérielle du 30 mars 1895, au sujet de la nécessité de l'initiative pour assurer le maintien de la santé des troupes. (Ministerial note of Mar. 30, 1895, in respect of the necessity of initiative for maintaining the health of the men). 3 pp. Paris, 1896. [Bound with the above.]

Instruction ministérielle du 30 mars 1895, sur l'hygiène des hommes de troupe. (Ministerial instructions of Mar. 30, 1895, on the hygiene of the men.) 23 pp. Paris, 1896. [Bound with the above.]

Instruction du 31 mai 1891, sur les écritures concernant les mouvements intérieurs dans les places comptables et la tenue des magasins. Extrait du "Journal militaire." (Instructions of May 31, 1891, on "papers" relating to the interior movements in accounting offices and the keeping of storehouses. Extract from the "Journal Militaire.") 44 pp. Paris, 1896.

Décret du 20 octobre 1892, portant règlement sur le service intérieur des troupes d'infanterie. (Decree of Oct. 20, 1892, promulgating regulations on the interior service of the infantry.) 450 pp. Paris, 1897.

Instruction ministérielle du 6 mai 1893, sur le service des états-majors. Extrait du "Journal militaire," 1<sup>er</sup> semestre 1893, No. 15. (Ministerial instructions of May 6, 1893, on staff duty. Extract from the "Journal Militaire," first half year of 1893, No. 15.) 72 pp. Paris, 1893.

Aide-mémoire de l'officier d'état-major en campagne. (Aide-mémoire of the staff officer in the field.) 401 pp. Paris-Limoges, 1894.

—— The same. 4<sup>me</sup> édition. (Official.) 259 pp. Paris, 1895.

—— The same. (Unofficial.) 401 pp. Paris-Limoges, 1895.

—— The same. 4<sup>me</sup> édition. (Same as 4th edition, 1895.) 271 pp. Paris, 1897.

Instruction ministérielle du 20 février 1895, concernant les travaux et exercices des officiers du service d'état-major. (Ministerial instruction of Feb. 20, 1895, on the labors and the exercises of staff officers.) 32 pp. Paris, 1895.

Instruction ministérielle du 20 février 1895, concernant les travaux et exercices des officiers du service d'état-major. Extrait du "Journal militaire," 1<sup>er</sup> semestre 1895, No. 89. (Ministerial instruction of Feb. 20, 1895, on the labors and exercises of staff officers. Extract from the "Journal Militaire," first half year of 1895, No. 89.) 32 pp. Paris, 1895.

Décret du 23 octobre 1883, portant règlement sur le service dans les places de guerre et villes de garnison. (Decree of Oct. 23, 1883, promulgating regulations on service in fortified places and in garrison towns.) 288 pp. Paris, 1883.

—— The same. 9<sup>me</sup> tirage. (9th impression.) 268 pp. Paris, 1885.

Extraits des décrets des 23 octobre et 28 décembre 1883, portant règlement sur le service dans les places de guerre et les villes de garnison et sur le service intérieur des troupes de l'artillerie et du train des équipages militaires. (Extracts from the decrees of Oct. 23 and of Dec. 28, 1883, publishing regulations on the service in fortified places, and in garrison towns, and on the interior service of the artillery and of the train.) 288 pp. Paris, 1885.

## FRANCE—Continued.

Décret du 4 octobre 1891, portant règlement sur le service dans les places de guerre et les villes ouvertes. 8<sup>me</sup> édition. (Decree of Oct. 4, 1891, promulgating regulations on service in fortified places and in open towns. 8th edition.) 314 pp. Paris-Limoges, 1896.

—The same. Nouvelle édition. (New edition.) 288 pp. Paris, 1896.

Instruction du 12 février 1878, sur l'administration des corps de troupe de l'armée territoriale. (Instructions of the 12th of February, 1878, on the administration of the troop units [regiments] of the territorial army.) 394, 12 pp. Paris, 1878.

Décret du 18 juin 1884, portant règlement sur la concession des congés et des permissions. (Decree of June 18, 1884, promulgating regulations on the granting of leaves of absence.) 44 pp. Paris, 1884.

Instruction relative à la tenue des feuilles du personnel des officiers sans troupe. (Instructions bearing on the mode of keeping the personal records of nonregimental officers.) pp. 480-485, "Journal Militaire Officiel," No. 34, 1884.

Décret du 12 juin 1867, portant règlement sur le service des frais de route des militaires isolés. Édition de 1888, mise à jour et annotée de toutes les dispositions intervenues pour l'application de ce décret et encore en vigueur au 1<sup>er</sup> juillet 1888. (Decree of June 12, 1867, promulgating regulations for the department controlling travel expenses of persons in the military service, traveling alone. Edition of 1888, brought up to date by the annotation of all intervening decisions relating to the application of this decree and still in force on July 1, 1888.) 168 pp. Paris, 1888.

Guide pour l'établissement et la vérification de la centralisation des corps. (Guide to the establishment and to the verification of consolidated money accounts of troop units.) Par F. Impériali. 32 pp. Paris, 1891.

Administration des unités pendant les grandes manœuvres. (Administration of units during the grand maneuvers.) Par M. Gillet. 27 pp. Paris, 1895.

Administration des unités aux écoles régionales. (Administration of units in the regional schools.) Par M. Gillet. 37 pp. Paris, 1895. [Bound with above.]

Avancement. Textes des lois, ordonnances, décrets, etc., en vigueur sur l'avancement dans l'armée. (Promotion. Text of the laws, orders, decrees, etc., in force relative to promotion in the army.) Par Ch. Lassalle. 240 pp. Paris, 1895.

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Idem des corps. (Ditto for troop units.)

Annexe No. III. Extrait de l'instruction du 30 août 1884. (Appendix No. III. Extract from the instructions of Aug. 30, 1884.)

Annexe No. IV. Tarif fixant le maximum du poids et du cube à allouer aux corps de troupe pour le transport des armes. (Appendix No. IV. List of maximum weights and volumes allowed troop units for the transportation of arms.)

Annexe No. V. Sociétés de tir et de gymnastique. (Appendix No. V. Rifle-shooting and gymnastic societies.)

Annexe No. VI. Exécution des exercices de tir dans les établissements d'instruction primaire ou secondaire. (Appendix No. VI. Firing practice in schools for primary or for secondary instruction.)

Annexe No. VII. Délivrance de fusils modèle 1874 de manœuvre, sans épée-baïonnette, aux sociétés d'instruction militaire préparatoire. (Appendix No. VII. Delivery of rifles, mod. 1874, for instructional purposes, without sword bayonet, to societies for preliminary military instruction.)

Annexe No. VIII. Armement des officiers de réserve et de l'armée territoriale. (Appendix No. VIII. Armament of officers of the reserve and of the territorial army.)

Annexe No. IX. Aiguisage des sabres au moment de la mobilisation. (Appendix No. IX. Sharpening of swords on mobilization.)

Annexe No. X. Extrait du règlement du 14 janvier 1889 sur l'administration et la comptabilité des corps de troupe. (Appendix No. X. Extract from the regulations of Jan. 14, 1889, on the administration and accounts of troop units.)

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Annexe No. XII. Répertoire des décisions traitant de questions relatives à l'armement. (Appendix No. XII. Repertory of decisions treating of questions referring to the armament.)

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Lectures militaires. Narrations, batailles, biographies, stratégie, tactique, fortification, maximes de guerre, correspondance, traités, rapports militaires, droit des gens, par Henri Bréant, professeur de l'école imp. et roy. de guerre, et à l'école imp. et roy. d'artillerie et du génie (cours supérieur). Avec une planche explicative. Troisième édition, revue, corrigée et augmentée. (Military reading lessons. Narratives, battles, biographies, strategy, tactics, fortifications, principles of war, correspondence, treaties, reports, international law, by Henri Bréant, professor at the imperial and royal artillery and engineer school.) 300 pp. Vienne, 1891. [Fd. "Tactics."]

Lectures militaires. Organisation d'armée, tactique et stratégie, service d'état-major, histoire militaire, géographie, topographie, étude des armes, fortification, droit des gens, règlements. Par Henri Bréant, professeur à l'école imp. et roy. de guerre et à l'école imp. et roy. d'artillerie et du génie (cours supérieur). (Military reading lessons. Army organization, tactics and strategy, general staff service, military history, geography, topography, arms, fortification, international law, regulations. By Henri Bréant, professor at the imperial and royal artillery and engineer school.) 286, 37 pp. Vienne, 1892. [Fd. "Tactics."]

Kriegsgeschichtliche Übersicht der wichtigsten Feldzüge der letzten 100 Jahre. Von Adolf von Horsetzky, k. u. k. Generalmajor. Mit einem Atlas von 33 Tafeln. Vierte (verbesserte) Auflage. (Summary historical review of the most important campaigns of the last 100 years. By Maj. Gen. Adolf von Horsetzky. With an atlas of 33 plates. Fourth revised edition.) 426 pp. Wien, 1894. [Fd. "Tactics."]

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## AUSTRIA—Continued.

## THE HIGHER ARTILLERY AND ENGINEER COURSES—continued.

K. u. k. technische Militär-Fachcourse. Vorträge über Taktik mit Beispielen von Gefechten, etc., zusammengestellt von Major Carl von Arz des Generalstabs-Corps. (Lectures on tactics, with examples of battles, etc., prepared by Maj. Carl von Arz of the general staff corps.) Lithographed. [Fd. "Tactics."]

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— The same. Baumechanik zusammengestellt von Hauptmann Julius Mandl des Geniestabes. (Mechanics of construction. Compiled by Capt. Julius Mandl, of the engineer staff.) 188 pp. [No place, no date.] Lithographed. [Fd. "Engineering and Fortification."]

Styl-Lehre der architektonischen Formen des Alterthums, verfasst von Alois Hauser, Architekt. (Science of the styles of architectural forms of antiquity, by Alois Hauser, architect.) ix, 144 pp., 173 fig. 3d edition. Wien, 1894. [Fd. "Engineering and Fortification."]

— The same. Renaissance. vii, 178 pp., 100 fig. 3d edition. Wien, 1891. [Fd. "Engineering and Fortification."]

— The same. Middle Ages. viii, 132 pp., 115 fig. Wien, 1884. [Fd. "Engineering and Fortification."]

Architektonische Formenlehre für die k. k. Genie-Akademie verfasst von Wilhelm Doderer, k. k. Professor. (Science of architectural forms for the Austrian engineer academy, by Wilhelm Doderer, professor.) [Fd. "Engineering and Fortification."]

I. Abtheilung. Die Architekturssysteme der Griechen und Römer. (Part I. The systems of architecture of the Greeks and Romans.) 15 pl. Klosterbruck, 1866.

II. Abtheilung. Darstellung der Architekturssysteme des Mittelalters und der Renaissance, in 20 autografirten Tafeln nebst Inhaltsverzeichnis für die Unterrichtszwecke der k. k. Genie-Akademie bearbeitet von Wilhelm Doderer, früher Professor an dieser Akademie, derzeit Professor für Hochbau und Architektur am k. k. polytechnischen Institut zu Wien. (Part II. Illustration of the architectural systems of the Middle Ages and Renaissance, in 20 tables, with table of contents, for instruction at the Austrian engineer academy, by Wilhelm Doderer, sometime professor of that academy, now professor of building and architecture at the polytechnicum at Vienna.) 20 tables. [No place] 1867.

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— The same. Atlas. Infantry barracks. 14 sheets. By direction of the imperial war ministry, prepared by Franz Gruber, professor of architecture at the higher artillery and engineer course, and at the technical military academy.) 1880. [Fd. "Engineering and Fortification."]

— The same. Chasseur barracks. 4 sheets. 1880. [Fd. "Engineering and Fortification."]

— The same. Cavalry barracks. 13 sheets. 1880. [Fd. "Engineering and Fortification."]

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## THE HIGHER ARTILLERY AND ENGINEER COURSES—continued.

Die beständige Befestigung und der Festungskrieg. Nach den neuesten Quellen bearbeitet. Zweite Auflage. (Permanent fortification and fortress warfare. From the latest sources. Second edition). Wien, 1894. [Fd. "Engineering and Fortification."]

I. Band. Allgemeiner Theil, hiezu 10 Tafeln von Ernst Freiherr von Leithner, k. u. k. Oberstlieutenant im Geniestabe. (Part I. General, with 10 plates, by Lieut. Col. Leithner of the Austrian engineer staff.) iii, 204 pp.

II. Band. Fortifikatorische Constructionen und Entwürfe. Hiezu 8 Tafeln von mehreren k. u. k. Officieren. (Part II. Fortification works and plans, with 8 plates, by several Austro-Hungarian officers.) iv, 291 pp.

— The same. Atlas of 18 plates. [Fd. "Engineering and Fortification."]

Eiserne Dach-Constructionen. Von Moriz Bock, k. u. k. Hauptmann, des Geniestabes. Mit 4 Tafeln. (Iron-roof construction. By Capt. Moriz Bock of the engineer staff.) 69 pp., 4 pl. Wien, 1889. [Fd. "Engineering and Fortification."]

Grundzüge der Elektrotechnik von Karl Exler, k. u. k. Hauptmann, Lehrer am höheren Artillerie- und Genie-Curs. Mit 503 in den Text gedruckten Figuren. (Elements of electrotechnics, by Karl Exler, Austro-Hungarian captain, instructor higher artillery and engineer course. With 503 figures in the text.) vi, 350 pp. Wien, 1895. [Fd. "Electricity."]

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K. u. k. technische Militär-Fachcourse. Vorträge aus Entwurf militärischer Hochbauten. (Austro-Hungarian special military technical courses. Lectures from "Military Buildings.") 487, 20 pp. Numerous figures in the text. Lithographed. [No place, no date.] [Fd. "Engineering and Fortification."]

— The same. Auszug aus den Vorträgen über Brückenbau, zusammengestellt von Hauptmann Julius Mandl des Geniestabes. (Extracts from the lectures on bridge building, compiled by Capt. Julius Mandl of the engineer staff.) 193, 6 pp. Numerous illustrations in text. Lithographed. [No place, no date.] [Fd. "Engineering and Fortification."]

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## THE HIGHER ARTILLERY AND ENGINEER COURSES—continued.

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*Directiven für die Decken-Constructionen in Militär-Gebäuden.* (Directions for the construction of ceilings in military buildings.) 3d edition. 80 pp. Wien, 1890. [Fd. "Engineering and Fortification."]

—— The same. 4th edition. 77 pp., 6 pl. Wien, 1896. [Fd. "Engineering and Fortification."]

*Technischer Unterricht für die k. u. k. Pionnier-Truppe.* (Technical instruction for the Austro-Hungarian pioneer troops.)

II. Theil. *Bau von Noth- und halbpermanenten Brücken, Überschiffen mit Nothmateriale.* (Part 3. Construction of extemporized and semipermanent bridges; crossing by means of extemporized material.) xxii, 188 pp. Wien, 1895. [Fd. "Special Corps."]

III. Theil. *Strassen, Eisenbahn, Telegraphen- und Wasserbau.* (Part 3. Roads, railroads, telegraphs, and hydraulic constructions.) xiii, 168 pp., 161 fig. Wien, 1895. [Fd. "Special Corps."]

*Le livre des permutations, petits exercices d'orthographe en texte suivi sans le secours de la méthode cacographique.* Permutations de nombre, de genre, de personne, de forme et de voix. Livre du maître. (Book of inflections, small exercises in orthography without the aid of the cacographic method. Teacher's book.) Par P. Larousse. 252 pp. Paris, 1885. [Fd. "Reference Books."]

*Première année. Grammaire élémentaire lexicographique.* Ouvrage correspondant au cours moyen du programme officiel. Nouvelle édition entièrement refondue. Livre de l'élève. (Elementary lexicographic grammar. Student's book.) Par P. Larousse. 254 pp. Paris, 1894. [Fd. "Reference Books."]

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*Schulgrammatik der französischen Sprache von Dr. Karl Ploetz.* 32<sup>te</sup> Auflage. Ausgabe für Oesterreich. (School grammar of the French language, by Dr. Karl Ploetz. 32d edition, arranged for Austria.) viii, 517 pp. Berlin, 1894. [Fd. "Reference Books."]

## THE IMPERIAL AND ROYAL TRAINING AND EDUCATIONAL ESTABLISHMENTS.

[Comprising the military technological ("Real") schools, the military academies, the establishments for orphan sons of officers, and the cadet schools.]

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## IMPERIAL AND ROYAL TRAINING AND EDUCATIONAL ESTABLISHMENTS—cont'd.

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I. Heft. Blanke Waffen und explosive Präparate. (Blank weapons and explosive substances.) 7. Auflage. vii, 96 pp., 3 pl. Wien, 1895.

V. Heft. Geschütze. (Cannon.) 4. umgearbeitete Auflage. xii, 191 pp. Wien, 1891.

Grundzüge des Heerwesens der österr.-ung. Monarchie. Zusammengestellt von Adolf Strobl, k. u. k. Major, und Richard Schreyer, k. u. k. Hauptmann. Auflage Oktober 1894. Mit zwei Karten. (Organization of the Austro-Hungarian army, by Major Strobl and Captain Schreyer. Edition of October, 1894, with 2 maps. Officially adopted for the cadet schools.) vi, 84 pp., 2 maps. Wien, 1894.

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## IMPERIAL AND ROYAL TRAINING AND EDUCATIONAL ESTABLISHMENTS—cont'd.

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**Lehrbuch der Waffenlehre zum Gebrauch an den k. u. k. Militär-Akademien und zum Selbststudium für Officiere aller Waffen** bearbeitet von Eduard Marschner, k. u. k. Hauptmann im Artillerie-Stabe, Lehrer an der technischen Militär-Akademie. (Text-book of ordnance and gunnery for use in the Austro-Hungarian military academies, and for private study of officers of all arms, compiled by Eduard Marschner, captain in the artillery staff, instructor technical military academy.)

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Vol. II. Specielle Waffenlehre. (Science of ordnance, special.) v, 287 pp. Wien und Prag, 1896.

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## SCHOOLS FOR RANK AND FILE.

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**Leitfaden für den Vorgang beim Unterrichte über das Karten- und Plan-Lesen in den Unterofficiers-Schulen.** (Guide to instruction in map and plan reading in schools for noncommissioned officers.) 84 pp., 1 pl. Wien, 1888. [Fd. "Topography and Reconnaissance."]

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Allgemeine Grundsätze und III. Theil. Truppschulen der Artillerie. (General principles and Part III. Troop schools of the artillery. 3d edition.) xi, 93 pp. Wien, 1885.

IV. Theil. Truppschulen der Genie-Truppe. (Part IV. Troop schools of the engineer troops. 2d edition.) v, 131 pp. Wien, 1878.

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## ROUMANIA.

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École d'équitation. Arrêté royal du 17 septembre 1881. (School of equitation. Royal order of Sept. 17, 1881.) 22 pp. Bruxelles, 1881.

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## ÉCOLE DE GUERRE. (WAR SCHOOL.)

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## ÉCOLES DES PUPILLES DE L'ARMÉE. (BOY'S MILITARY SCHOOL.)

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## BELGIUM—Continued.

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Cours de fortification passagère. Première partie: La fortification en liaison avec la tactique. (Course in field fortification. Part I. Field fortification in connection with tactics.) 2 vols. (text and atlas). Par V. Deguise. 115 pp., 3 tables, 16 pl. Bruxelles, 1893. [Fd. "Engineering and Fortification."]

—— The same. Seconde partie: Les applications de la fortification passagère. (Part II. Applications of hasty intrenchments.) Par V. Deguise. 2 vols. (text and atlas). Bruxelles, 1894. [Fd. "Engineering and Fortification."]

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## BELGIUM—Continued.

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## FRANCE—Continued.

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2<sup>e</sup> section. Machines motrices. (Motors.) 3<sup>e</sup> partie. Moteurs animés. (Live motors.) Par J. Paloque, capitaine d'artillerie, professeur. 138 pp. Illustrated. 1895. [Fd. "Engineering and Fortification."]

4<sup>e</sup> section. Machines opératrices. (Working machines.) 1<sup>re</sup> et 2<sup>e</sup> parties. 5 leçons. Leçons faites à l'amphithéâtre par le Capitaine d'artillerie E. Anus, professeur-adjoint. 126 pp. Illustrated. 1894. [Fd. "Engineering and Fortification."]

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2<sup>e</sup> partie. Constructions en bois et fer. Par J. Lerozey, chef de bataillon du génie, professeur. Tome II. Fermes en bois, mixtes et entièrement métalliques. Couvertures. Supplément. (Construction in wood and iron. Lectures by J. Lerozey, major of engineers. Vol. II. Wooden, mixed, and metallic frames. Roofing. Supplement.) 208 pp. Illustrated. 1894. [Fd. "Engineering and Fortification."]

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1<sup>re</sup> partie. Principes généraux de fortifications d'attaque et de défense des places, d'après les enseignements de l'histoire. (General principles of fortifications for the attack and defense of fortified places. From historical examples.) Huit leçons, par le Capitaine du Génie Valleraud, professeur-adjoint. 135 pp. Illustrated. Octobre 1894. [Fd. "Engineering and Fortification."]

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## FRANCE—Continued.

## ÉCOLE D'APPLICATION DE L'ARTILLERIE ET DU GÉNIE—continued.

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7<sup>e</sup> partie. Titre I. Service spécial du génie. (Special service of the engineers.) Premier fascicule, par le Capitaine du Génie E. Maurial, professeur-adjoint. 146, ix pp. Illustrated. Mai 1894. [Fd. "Engineering and Fortification."]

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2<sup>e</sup> partie. 1<sup>re</sup> section. Tactique élémentaire, ou tactique de combat spéciale de chaque arme. (Elementary tactics, or fighting tactics of each arm.) Par L. Roulin, chef d'escadron d'artillerie breveté, professeur. 137, vi pp. 1894. [Fd. "Tactics."]

3<sup>e</sup> partie. Tactique de marche. (2 dernières leçons.) Emploi militaire des chemins de fer et notions sur les services de l'arrière. (March tactics. Military use of railways and notes on the services in rear of the army.) Par L. Roulin, chef d'escadron d'artillerie breveté, professeur. 58 pp. Octobre 1894. [Fd. "Tactics."]

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1<sup>er</sup> fascicule. Campagnes de 1796 et 1800 en Italie, 1805 et 1806. (Campaign of 1796 and 1800 in Italy, and campaigns of 1805 and 1806.) Par L. Marchand, capitaine d'artillerie breveté, professeur-adjoint. 186, vi pp. 1895. [Fd. "History."]

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## FRANCE—Continued.

## ÉCOLE D'APPLICATION DE L'ARTILLERIE ET DU GÉNIE—continued.

## Cours d'artillerie—Continued.

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Fabrication des bouches à feu. (Manufacture of guns.) Par J. Walter, capitaine d'artillerie, professeur. 192 pp. Illustrated. Juin 1894. [Fd. "Ordnance Material."]

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1<sup>re</sup> partie. Programme développé des leçons. (Syllabus.)

1<sup>re</sup> fascicule. Géologie. (Geology.) 6 leçons et 4 conférences pratiques, par A. Romieux, capitaine du génie, professeur. 3<sup>e</sup> édition revue et corrigée. 139 pp. Illustrated. Décembre 1887.

2<sup>e</sup> fascicule. Étude du terrain. (Study of the terrain.) 3 leçons, par A. Romieux, capitaine du génie, professeur. 2<sup>e</sup> édition entièrement refondue. 107 pp. Illustrated. Février 1887.

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3<sup>e</sup> fascicule. Instruments et procédés topographiques. (Topographical instruments and methods.) 9 leçons et 8 exercices pratiques. Par L. Guillemard, capitaine du génie, professeur-adjoint. 4<sup>e</sup> édition refondue, par H. Bosson, capitaine du génie, professeur-adjoint. 141 pp. Illustrated. Août 1887.

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5<sup>e</sup> fascicule. Méthodes de levés. Levés d'une grande étendue. (Surveying. Large surveys.) 3 leçons par A. Romieux, capitaine du génie, professeur. 3<sup>e</sup> édition revue et corrigée. 69 pp. Illustrated. Avril 1886.

6<sup>e</sup> fascicule. Méthodes de levés. Levés de reconnaissance. (Reconnaissance survey.) 3 leçons par A. Romieux, capitaine du génie, professeur. 3<sup>e</sup> édition revue et corrigée. 58 pp. Illustrated. Avril 1886.

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8<sup>e</sup> fascicule. Lever de fortification. (Fortification survey.) Conférence pratique, par H. Bosson, capitaine du génie, professeur-adjoint. Édition refondue par les Capitaines du Génie Romieux, professeur, et Bosson, professeur-adjoint. 48 pp.

Lever d'ensemble. (General survey.) Conférence pratique, par H. Bosson, capitaine du génie, professeur-adjoint. 32 pp. [With the foregoing.]

9<sup>e</sup> fascicule. Lever expédié. Levés de reconnaissance. (Rapid surveying. Reconnaissance surveying.) 2 conférences pratiques, par H. Bosson, capitaine du génie, professeur-adjoint. 3<sup>e</sup> édition revue et corrigée. 56 pp. Février 1888.

## FRANCE—Continued.

## ÉCOLE D'APPLICATION DE L'ARTILLERIE ET DU GÉNIE—continued.

## Cours de topographie—Continued.

Lever d'ensemble. Instruction spéciale sur la pratique des opérations du lever de détail. (General survey. Special instructions for the operations of filling in.) Rédigé sous le titre d'instruction sur le lever à l'éclimètre, par le Lieutenant Colonel du Génie Goulier. 4<sup>e</sup> édition, revue et adaptée au lever d'ensemble par A. Romieux, capitaine du génie, professeur. 78 pp. Juin 1885.

Instruction pratique sur le lever de reconnaissance, par le Chef de bataillon du Génie Goulier. (Practical instruction in reconnaissance sketching.) 6<sup>e</sup> édition revue et modifiée, par A. Romieux, capitaine du génie, professeur. 38 pp. Juin 1887.

Instruction pratique sur le lever expédié, par le Capitaine du Génie Goulier, professeur de topographie. (Practical instruction in rapid sketching.) 5<sup>e</sup> édition corrigée. 30, 8 pp. Février 1880.

Levers d'ensemble. Instruction spéciale sur la pratique du lever du canevas d'ensemble. (General survey. Special instructions for making a general triangulation.) Par A. Romieux, capitaine du génie, professeur (d'après les instructions rédigées, par M. le Colonel du Génie Goulier.) 3<sup>e</sup> édition. 61 pp. Juin 1886.

2<sup>e</sup> partie. 3<sup>e</sup> série de leçons. Instruments et procédés topographiques. (Topographical instruments and methods.) 9 leçons et 8 exercices pratiques, par L. Jardinet, capitaine du génie, professeur, et A. Protard, capitaine du génie, professeur-adjoint.

Annexe: Notice sur les lunettes, longues-vues et jumelles militaires. (Notes on telescopes and field glasses.) Par L. Jardinet, capitaine du génie, professeur. 192, 112 pp. Août 1894.

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Règlement sur le service intérieur de l'école d'application de cavalerie. (Regulations for the interior service of the cavalry school of application.) Paris, le 24 juin 1885.

Saumur. Instruction ministérielle du 6 décembre 1894 pour l'établissement des propositions pour le grade de sous-lieutenant dans l'arme de la cavalerie. (Saumur. Ministerial instruction of Dec. 6, 1894, regarding nominations to the grade of sublieutenant in the cavalry arm.) Paris, 1895.

Programmes des examens imposés aux sous-officiers proposés pour l'admission à l'école d'application de cavalerie. (Programme of examinations required of noncommissioned officers recommended for admission to the cavalry school of application.) 35 pp. 6<sup>me</sup> édition. Paris-Limoges, 1895.

Report of Second Lieut. S. C. Robertson, 1st Cavalry, upon the school of application for cavalry, at Saumur, France. 23 pp. Fort Leavenworth, Kansas, 1882.

Cours d'hippologie pratique, rédigé conformément au questionnaire adopté à l'école d'application de cavalerie. d'après les dernières données scientifiques. Par un officier de cavalerie. (Practical course in hippology, prepared in conformity with the questions adopted at the cavalry school of application, based on the latest scientific data.) Saumur, 1893. [Fd. "Horses and Draft Animals."]

## FRANCE—Continued.

**ÉCOLE MILITAIRE DE L'ARTILLERIE ET DU GÉNIE, VERSAILLES. (MILITARY SCHOOL FOR ARTILLERY AND ENGINEERS.)**

**Instruction du 8 octobre 1890, pour l'admission à l'école militaire de l'artillerie et du génie, Versailles, suivie des programmes des cours secondaires et supérieurs des écoles d'artillerie et du génie. (Instructions of Oct. 8, 1890, regarding admission to the military school for artillery and engineers, at Versailles, followed by programmes of the upper and lower courses of the artillery and engineer courses.)** Paris, 1890.

**Programme des examens imposés aux sous-officiers proposés pour l'admission à l'école militaire de l'artillerie et du génie et du train des équipages. (Programme of examinations required of noncommissioned officers recommended for admission to the military school for artillery, engineers, and train.)** 12<sup>me</sup> édition. 48 pp. Paris-Limoges, 1896.

**Note ministérielle du 28 mai 1894, portant modifications à l'instruction du 8 octobre 1890 pour l'admission à l'école militaire de l'artillerie et du génie. (Ministerial note of May 28, 1894, modifying the instructions of Oct. 8, 1890, regarding the admission to the military school for artillery and engineers.)**

**Leçons d'artillerie conformes au programme de l'école militaire de l'artillerie et du génie de Versailles. Propriétés de la poudre et des explosifs, notions de ballistique théorique et expérimentale, effets des projectiles, pointage et réglage du tir. Par E. Girardon, capitaine d'artillerie, professeur à l'école militaire de l'artillerie et du génie. (Artillery lectures based on the programme of the military school for artillery and engineers at Versailles. Properties of powders and explosives, notes on theoretical and experimental ballistics, effect of projectiles, aiming, and regulation of fire.)** vi, 396 pp., 209 fig. Paris-Nancy, 1895. [Fd. "Ballistics."]

**Organisation du matériel d'artillerie. Bouches à feu, projectiles, gargousses, fusées, étoupilles, affûts, voitures, armes portatives, etc., conformément au programme d'enseignement de l'école militaire de l'artillerie et du génie de Versailles. Par E. Girardon, capitaine d'artillerie, professeur à l'école militaire de l'artillerie et du génie. (Organization of the artillery matériel. Guns, projectiles, etc., in conformity with the programme of instruction at the military school for artillery and engineers at Versailles.)** [Fd. "Ordnance Material."]

**Organisation et service du train. Fonctionnement des services auxiliaires de l'armée. (Organization and service of the train. Operation of the auxiliary services of the army.)** Par E. Girardon. vi, 363 pp., 42 pl. Paris-Nancy, 1895. [Fd. "Organization and Distribution."]

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**Décret du 22 mars 1883, portant règlement sur l'organisation de l'école militaire d'infanterie modifié jusqu'au 1<sup>er</sup> janvier 1890, suivi de l'instruction pour l'admission à cette école et du programme pour les épreuves des candidats. (Decree of Mar. 22, 1883, promulgating regulations for the organization of the military school for infantry, with modifications up to January 1, 1890, followed by the instructions regarding admission to this school, and by the programme of the entrance examination.)** Paris, 1890.

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## FRANCE—Continued.

## ÉCOLE MILITAIRE D'INFANTERIE—continued.

Instruction du 26 avril 1894, pour l'admission des sous-officiers à l'école militaire d'infanterie. (Instructions of Apr. 26, 1894, regarding the admission of noncommissioned officers to the military school for infantry.) 11 pp. Paris, 1894.

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Capitaine Paimblant du Rouil. L'école militaire d'infanterie. (Captain Paimblant du Rouil. The military school for infantry). 28 pp. Paris-Limoges, 1895.

## ÉCOLE NORMALE DE GYMNASTIQUE ET D'ESCRIME. (NORMAL SCHOOL FOR GYMNASICS AND FENCING.)

Règlement du 2 avril 1894, sur l'organisation et le fonctionnement de l'école normale de gymnastique et d'escrime. (Regulations of Apr. 2, 1894, for the organization and operation of the normal school for gymnastics and fencing.) 16 pp. Paris, 1894.

## ÉCOLE NORMALE DE TIR. (NORMAL FIRING SCHOOL, CHALONS SUR MARNE.)

École normale de tir à Chalons sur Marne. (Normal firing school at Chalons sur Marne.) 1<sup>er</sup> cours: Organisation et tir des armes à feu portatives. Par M. le Capitaine Souchier. Année 1892. (Organization and fire of small arms.) 2 vols. (text and atlas). St. Petersburg, 1894. [Fd. "Small Arms."]

## ÉCOLE POLYTECHNIQUE. (POLYTECHNIC SCHOOL.)

Programme de l'enseignement intérieur de l'école polytechnique. (Syllabus of instruction at the polytechnic school.) Paris, 1886.

Programme de l'enseignement intérieur de l'école polytechnique, arrêté par le conseil de perfectionnement et approuvé par le ministre de la guerre. (Syllabus of instruction of the polytechnic school fixed by the "Conseil de Perfectionnement" and approved by the minister of war.) 32 pp. Paris, 1886.

Programmes des connaissances exigées pour l'admission à l'école polytechnique en 1895, arrêtés par le conseil de perfectionnement et approuvés par le ministre de la guerre. (Programme of requirements for admission to the polytechnic school in 1895, fixed by the "Conseil de Perfectionnement" and approved by the minister of war.) 11 pp. Paris, 1895.

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Décret du 13 mars 1894, portant règlement sur l'organisation de l'école polytechnique. (Decree of Mar. 13, 1894, promulgating regulations for the organization of the polytechnic school.) [Lithographed.] 83 pp. Paris, 1894.

Annuaire de l'école polytechnique pour l'an 1895. Avec des notices scientifiques, historiques et statistiques et le mémorial de l'école. (Yearbook of the polytechnic school for 1895. With scientific, historical, and statistical data.) 308 pp. Paris, 1895.

## FRANCE—Continued.

## ÉCOLE SPÉCIALE MILITAIRE. (SPECIAL MILITARY SCHOOL, ST. CYR.)

Instruction du 19 décembre 1893 pour l'admission à l'école spéciale militaire en 1894, précédée de la circulaire ministérielle et suivie du règlement pour les épreuves d'admission. (Instructions of Dec. 19, 1893, regarding admission to the special military school in 1894, preceded by the ministerial circular and followed by the regulations for the entrance examination.) 32 pp. Paris, 1894.

Instruction du 18 janvier 1895 pour l'admission à l'école spéciale militaire en 1895, précédée de la circulaire ministérielle et suivie du programme des connaissances exigées. (Instructions of Jan. 18, 1895, regarding admission to the special military school in 1895, preceded by the ministerial circular and followed by the programme of the entrance examination.) 31 pp. Paris, 1895.

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Règlement du 20 septembre 1895 sur le service intérieur. (Regulations of Sept. 20, 1895, for the interior service.) 59 pp. [No place, no date.]

Cours d'administration. 1<sup>re</sup> année. (Course in administration. First year.) 1894-95. 348 pp. [Fd. "Administration."]

—— The same. 2<sup>e</sup> année. (Second year.) 1894-95. 128 pp. [Fd. "Administration."]

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Cours d'artillerie. 1<sup>re</sup> année. (Course in artillery. First year.) 1894-95. 177 pp. Illustrated. [Fd. "Ordnance Material."]

—— The same. 2<sup>e</sup> année. (Second year.) 1894-95. 220 pp. Illustrated. [Fd. "Ordnance Material."]

Cours de fortification. 1<sup>re</sup> année. (Course in fortification. First year.) 1894-95. [Fd. "Engineering and Fortification."]

—— The same. 2<sup>e</sup> année. (Second year.) 1894-95. 83, 163 pp. Illustrated. [Fd. "Engineering and Fortification."]

Cours de géographie. 1<sup>re</sup> année. (Course in geography. First year.) 1894-95. xi, 185 pp. [Fd. "Geography."]

—— The same. 2<sup>e</sup> année. (Second year.) 1894-95. vii, 251 pp. [Fd. "Geography."]

Cours d'histoire militaire. 1<sup>re</sup> année. (Course in military history. First year.) 1894-95. 526 pp. [Fd. "History."]

—— The same. 2<sup>e</sup> année. (Second year.) 1894-95. 248 pp. [Fd. "History."]

Hygiène militaire. Conférences d'hygiène. (Military hygiene. Lectures on hygiene.) Paris, 1894-95. [Fd. "Medical Service."]

Cours de législation militaire. 1<sup>re</sup> année. (Course in military legislation. First year.) 1894-95. 248 pp. [Fd. "Military Justice."]

## FRANCE—Continued.

## ÉCOLE SPÉCIALE MILITAIRE—continued.

- Cours de législation militaire.** 2<sup>e</sup> année. (Second year.) 1894-95. 191 pp. [Fd. "Military Justice."]
- Cours de tactique.** 2<sup>e</sup> année. (Tactical course. Second year.) 1894-95. 319 pp. [Fd. "Tactics."]
- The same. Annexe. 194 pp. [Fd. "Tactics."]
- Cours de topographie.** 1<sup>re</sup> année. (Course in topography. First year.) 1894-95. 246, 51 pp. [Fd. "Topography and Reconnaissance."]
- The same. 2<sup>e</sup> année. (Second year.) 1894-95. 145, 19 pp. [Fd. "Topography and Reconnaissance."]

## ÉCOLE SUPÉRIEURE DE GUERRE. (SUPERIOR WAR SCHOOL.)

- Programme pour l'admission à l'école militaire supérieure en 1881.** (Programme for admission to the superior war school in 1881.) Paris, 1880.
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- Instruction du 20 mars 1895, pour l'admission à l'école supérieure de guerre en 1896, suivie des programmes.** (Instructions of Mar. 20, 1895, regarding admission to the superior war school in 1896, followed by the programmes.) 20 pp. Paris, 1895.
- Solutions des sujets tactiques données depuis 1880 aux examens d'entrée.** (Solutions of tactical problems propounded in the entrance examinations since 1880.) 4<sup>me</sup> édition. 2 vols. [text and sketches]. 80 pp., 14 pl. Paris-Limoges, 1895. [Fd. "Tactics."]

## L'ÉCOLE NAVALE. (NAVAL SCHOOL.)

- Instruction et programme pour l'admission à l'école navale en 1895.** Du 8 novembre 1894. (Instructions and programme of admission to the naval school in 1895, of Nov. 8, 1894.) 40 pp. Paris, 1894.
- Règlement de l'école navale (du 26 février 1891).** Programmes des cours de l'école navale (du 26 février 1891). Édition révisée et mise à jour le 6 mars 1896. (Regulations of the naval school, of Feb. 26, 1891. Programmes of the courses of the naval school, of Feb. 26, 1891. Revised edition, brought down to Mar. 6, 1896.) 147 pp. Paris, 1896.

## ÉCOLE DES PONTS ET CHAUSSEES. (SCHOOL OF BRIDGES AND ROADS.)

- Conférences sur l'administration et le droit administratif, faites à l'école des ponts et chaussées.** (Lectures on administration and administrative law at the school for bridges and roads.) Par Léon Aucoc. 2<sup>me</sup> édition. [Fd. "Administration."]

**Tome I. Organisation et attributions des pouvoirs publics.** (Organization and attributes of public authorities.) 702 pp. Paris, 1878.

**Tome II. Règles générales relatives à l'exécution des travaux publics.** (General rules relating to the execution of public works.) 742 pp. Paris, 1879.

## FRANCE—Continued.

**ÉCOLE DU SERVICE DE SANTÉ MILITAIRE.** (SCHOOL OF MILITARY MEDICAL SERVICE.)

**Instruction du 10 décembre 1891 pour l'admission à l'école du service de santé militaire en 1892.** (Instructions of Dec. 10, 1891, regarding admission to the school of military medical service in 1892.) 24 pp. Paris, 1895.

**Instruction du 11 février 1895 pour l'admission à l'école du service de santé militaire en 1892.** (Instructions of Feb. 11, 1895, regarding admission to the school of military medical service in 1892.) 24 pp. Paris, 1895.

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## MISCELLANEOUS.

**Programme des connaissances exigées des chefs de bataillon, d'escadrons ou majors, des capitaines et des officiers d'administration proposés pour entrer dans le corps de l'intendance.** (Programme of the requirements on the part of battalion and squadron commanders and majors, and of captains and officers of the clothing administration nominated for appointment to the intendant service.) 15 mai 1892. 14 pp. Paris, 1892.

**Extrait du cours spécial à l'usage des candidats des pelotons d'instruction.** (Extract from the special course for the use of candidates of the instructional platoons.) 144 pp. Paris, 1884.

**Cours spécial à l'usage des sous-officiers d'artillerie.** Approuvé le 20 juillet 1881. Nouvelle édition. (Special course for the use of artillery non-commissioned officers. Approved July 20, 1881. New edition.) 251, 26 pp., 2 pl. Paris, 1888.

— The same. Nouvelle édition. (New edition.) Paris, 1893.

**Cahiers d'enseignement illustrés. Uniformes des écoles du gouvernement.** (Illustrated information manual. Uniforms of the government schools.) iv, pp. 66-87. Paris [no date].

**Manuel d'instruction théorique pour le soldat d'infanterie.** (Manual of theoretical instruction for the infantry soldier.) Par le lieutenant F. Lervitte. 3<sup>me</sup> édition. Namur, 1893. [Fd. "Field Service and Training."]

**Programmes des connaissances exigées des mécaniciens des divers grades lors des examens précédant leur admission aux cours et aux concours.** (Programme of requirements for the examination of machinists of various grades before their admission to the courses and competitions.) 60 pp. Paris, 1894.

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**Administration des unités aux écoles régionales.** (Administration of troop units at the regional schools.) Par M. Gillet. 37 pp. Paris, 1895. [Fd. "Administration."]

## FRANCE—Continued.

## MISCELLANEOUS—continued.

**Recueil des lois, décrets et instructions concernant les fils et filles de militaires et leur admission dans les écoles militaires préparatoires, maisons d'éducation, lycées et collèges.** (Collection of laws, decrees, and instructions regarding sons and daughters of military persons and their admission to the military preparatory schools, lyceums, and colleges.) Par J. Saumur, archiviste de 1<sup>re</sup> classe d'état-major, officier d'académie. (Extrait de l'Encyclopédie militaire, du même auteur.) 143 pp. Paris, 1896.

**Histoire de l'école spéciale militaire de Saint-Cyr par un ancien St. Cyrien.** (History of the special military schools at St. Cyr, by an old St. Cyrian.) 52 compositions hors texte de Paul Jazet, phototypies de André Quinsac. 314 pp. Paris, 1893.

**Institutions d'éducation militaire jusqu'en 1789.** (Military educational establishments up to 1789.) Par C. de Montzey. viii, 368 pp. Paris, 1866.

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**Capitaine Mader du 107<sup>e</sup> régiment d'infanterie. Les écoles d'enfants de troupe. Historique de l'institution. Les enfants de troupe avant l'époque actuelle. La loi du 19 juillet 1884 et les écoles militaires préparatoires. Écoles. Administration. Budget. Solde. Habillement. Équipement. Cadres et élèves. Éducation religieuse et morale. Instruction militaire. Instruction classique. Récompenses et punitions. Service intérieur dans les écoles. Observations générales sur les élèves. Résultats obtenus.** (Captain Mader of the 107th infantry regiment. The schools for soldiers' children. History of the institution. Soldiers' children before the present period. The law of July 19, 1884, and the preparatory military schools. Schools. Administration. Budget. Pay. Clothing. Equipment. Staff and pupils. Religious and moral education. Military instruction. Classic instruction. Rewards and punishments. Interior service of the schools. General observations on the pupils. Results obtained.) 137 pp. Paris, 1894.



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## MISCELLANEOUS—continued.

Décret du 27 novembre 1887 portant création d'une masse des écoles précédé du rapport au Président de la République et suivi de l'instruction pour l'application dudit décret. (Decree of Nov. 27, 1887, creating a separate fund for the schools, preceded by the report to the President of the Republic and followed by the instructions for the execution of the decree.) 22 pp. Paris, 1890. [Fd. "Maintenance."]

Règlement du 1<sup>er</sup> septembre 1888 sur le service des écoles régimentaires des corps de troupe de l'artillerie et du train des équipages militaires suivi des programmes (cours secondaire et cours supérieur) modifiés et complétés jusqu'en janvier 1893 par un officier supérieur. (Regulations of Sept. 1, 1888, regarding the service of regimental schools of artillery and train, followed by the programmes (lower and upper course), with modifications, brought down to January, 1893.) 32 pp. Paris, 1893.

Infanterie. Marche de l'instruction. Instruction théorique et pratique des élèves caporaux, écoles régimentaires, manœuvres de garnison. Manœuvres de nuit, chargement du sac, instruction des dispensés candidats au grade de sous-lieutenant de réserve. (Infantry. Course of instruction. Theoretical and practical instruction of lance corporals; regimental schools, garrison maneuvers. Night maneuvers, packing of the knapsack, instruction of excused candidates for the grade of sublieutenant of reserve.) 2<sup>e</sup> édition. 232 pp. Paris, 1894. [Fd. "Field Service and Training."]

Règlement sur le fonctionnement de l'école d'instruction aérostatique de Chalais. (Regulations for the operation of the aerostatic school at Chalais.) (No. 47 "Journal Militaire," 1890.)

## GERMANY.

## COMBINED ARTILLERY AND ENGINEER SCHOOL.

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The plan of the course of instruction at the combined artillery and engineer school, in detail. [German manuscript.]

Dienst-Ordnung für die zum Besuche der Vereinigten Artillerie- und Ingenieur-Schule kommandierten Offiziere, 1892-1893. (Service regulations for the officers detailed to attend the combined artillery and engineer school.) iv, 56 pp.

— The same. English translation. Manuscript.

Leitfaden für den Unterricht in der Ingenieur-Technik, von Schotte, Oberst z. D. und Lehrer an der Vereinigten Artillerie- und Ingenieur-Schule. (Guide for instruction in the technique of engineering, by Colonel Schotte, z. D., instructor at the combined artillery and engineer school.)

Part I. Baumaterialien. (Building materials.) 84 pp. Berlin, 1893.

Part II. Holzkonstruktionen. (Wooden constructions.) 132 pp., 232 fig. Berlin, 1893.

Part III. Der Mauer- und Steinbau. (Walls and stone constructions.) 217 pp., 280 fig. Berlin, 1894.

## GERMANY—Continued.

## COMBINED ARTILLERY AND ENGINEER SCHOOL—continued.

**Inhalts-Verzeichniss für den Unterricht in der Taktik im unteren Lehrgang der Fuss-Artillerie und des Ingenieur- und Pionier-Korps.** (Contents of the course of instruction in tactics in the lower course for the foot artillery and the engineer and pioneer corps.) 48 pp. Berlin, 1893.

**Inhalts-Übersicht des Vortrages über Wasserbau (einschliesslich Fundirungen und Brückenbau) im oberen Cötus der Ingenieur-Offiziere.** (Contents of the lectures on hydraulic constructions (including foundations and bridge building) in the upper course for engineer officers.) By Schroeder, major-general z. D. 127 pp. Berlin, 1891.

— The same. **Beilage. Hydraulische Berechnungen und Formeln.** (Supplement. Hydraulic calculations and formulas.) 105 pp. Berlin, 1891.

**Formularisches Inhalts-Verzeichniss der mathematischen Vorlesungen für die Offiziere des Ingenieur- und Pionier-Korps.** (List of formulas for the lectures in mathematics before the officers of the engineer and pioneer corps.) Course B. 39 pp. Berlin, 1890.

**Erweitertes Inhalts-Verzeichniss für die Vorlesungen in der Chemie im unteren Cötus der Feld- und Fuss-Artillerie und im oberen Cötus des Ingenieur- und Pionier-Korps.** (Augmented list of contents for the lectures in chemistry in the lower course for field and foot artillery and upper course for the engineer and pioneer corps.) 36 pp. Berlin, 1889.

**Inhalts-Verzeichniss für den Unterricht in fremde Artillerie und Organisation im unteren Cötus der Fuss-Artillerie.** (Table of contents for the instruction in "foreign artillery and organization" in the lower course for the foot artillery.) 79 pp. Berlin, 1893.

**Vollständige logarithmische und trigonometrische Tafeln von Dr. E. F. August.** Neunzehnte Auflage besorgt von Dr. F. August, Professor an der königlich vereinigten Artillerie- und Ingenieur-Schule bei Berlin. (Complete logarithmic and trigonometric tables by Dr. E. F. August. 19th edition, prepared by Dr. F. August, professor at the combined artillery and engineer school near Berlin.) vii, 204 pp. Leipzig, 1894. [Fd. "Reference Books, General."]

## ROYAL WAR SCHOOLS.

**Text-books prepared by order of the general inspection of military education and training.**

**Leitfaden für den Unterricht in der Waffenlehre auf den königlichen Kriegsschulen.** (Guide for instruction in ordnance and gunnery at the royal war schools.) 7th edition. 64 pp., 68 fig., 2 folding tables. Berlin, 1894. [Fd. "Ordnance Material."]

— The same. iv, 64 pp., 7 pl. Berlin, 1897.

**Leitfaden für den Unterricht in der Feldkunde.** (Guide for instruction in topography.) 8th edition. 92 pp., 71 fig. Berlin, 1894. [Fd. "Topography and Reconnoissance."]

— The same. 9th edition. v, 92 pp., 8 pl. Berlin, 1897.

**Leitfaden für den Unterricht in der Taktik.** (Guide for instruction in tactics.) 8th edition. 2 parts, 168 pp. Berlin, 1894. [Fd. "Tactics."]

**Leitfaden für den Unterricht im Militär-Schreibwesen.** (Guide for instruction in military clerical work and correspondence.) 9th edition. 33 pp., 10 folders. Berlin, 1895. [Fd. "Administration."]

## GERMANY—Continued.

## ROYAL WAR SCHOOLS—continued.

## Text-books prepared by order of the general inspection of military education and training—Continued.

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— The same. Leitfaden für den Unterricht über Truppendienst (Dienstkenntnis) auf den königlichen Kriegsschulen. (Guide for the instruction in service with troops.) 7th edition. 56 pp. Berlin, 1896. [Fd. "Administration."]

Leitfaden für den Unterricht in der Heeresorganisation. (Guide for instruction in army organization.) 3. Auflage. 64 p. Berlin, 1889. [Fd. "Organization and Distribution."]

— The same. 5. Auflage. 57 pp. Berlin, 1894. [Fd. "Organization and Distribution."]

— The same. 6. Auflage. 57 pp. Berlin, 1895. [Fd. "Organization and Distribution."]

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## THE WAR ACADEMY.

Dienstordnung der Kriegsakademie. (Service regulations of the war academy.) 86 pp. Berlin, 1888.

Lehrordnung der königlichen Kriegsakademie. (The course of instruction at the royal war academy.) 27 pp. Berlin, 1895.

Anleitung für die Vorbereitung zum Kriegs-Akademie-Examen. (Manual for preparation for the war academy entrance examination.) Von P. Killisch. 64 pp. Berlin, 1890.

Die Aufnahme-Prüfung für die Kriegs-Akademie. Ein Hilfsmittel zur Vorbereitung für die Kriegs-Akademie, zugleich eine Aufgaben-Sammlung für militärische Winterarbeiten. (The entrance examination for the war academy. A guide in preparing for the war academy and for military practice journeys; also a collection of themes for military study during winter.) Von A. Kuhn. 2. Auflage. 233 pp., 12 folders. Berlin, 1896.

## MILITARY MEDICAL SCHOOL.

Bestimmungen für die Aufnahme in die königlich preussischen militär-ärztlichen Bildungsanstalten zu Berlin. (Regulations governing admission to the military medical schools at Berlin.) 15 pp. Berlin, 1894.

Bestimmungen für die Aufnahme von Studirenden in die Kaiser Wilhelms-Akademie für das militär-ärztliche Bildungswesen zu Berlin. (Regulations governing admission of students to the Emperor William Academy for military medical training at Berlin.) 20 pp. Berlin, 1896.

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## MISCELLANEOUS—continued.

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**Dienstvorschrift für die Infanterie-Schulen.** (Service regulations for the infantry schools [infantry firing school, military gymnastic school, non-commissioned officers' schools and preparatory schools, and boys' military training establishment at Annaberg].) 105 pp. Berlin, 1895.

**Dienstordnung für die Festungsbauschule.** (Service regulations for the fortress construction schools.) 120 pp. Berlin, 1895.

**Vorschrift für die Ausbildung der zu den technischen Instituten der Artillerie kommandierten Feldartillerie-Offiziere.** (Regulations for the training of field artillery officers detailed to the technical artillery establishments.) 16 pp. Berlin, 1896.

**Aufnahme-Bestimmungen und Lehrplan des königlichen Kadettenkorps.** (Requirements for admission and course of instruction of the royal cadet corps.) 40 pp. Berlin, 1893.

**Lesebuch für die königlich preussischen Unteroffiziersschulen.** (Reader for royal Prussian noncommissioned officers' schools.) 2 vols. vii, 267 pp.; vi, 385 pp. Berlin, 1890.

**Rechenbuch für die Kapitulantenschulen.** Zum Dienstgebrauch herausgegeben vom königlich preussischen Kriegsministerium. (Arithmetic for the "Kapitulanten" schools. Published for service use by the royal Prussian war ministry.) 276 pp. Berlin, 1878.

**Vorschrift für die Prüfung von Waffenmeistern.** (Regulations for the examination of master armorers.) 19 pp. Berlin, 1894. [Fd. "Ordnance Material."]

**Gesamtverzeichnis derjenigen Lehranstalten, welche gemäss § 90 der Wehrordnung zur Ausstellung von Zeugnissen über die Befähigung für den einjährig freiwilligen Militärdienst berechtigt sind.** (Complete list of schools entitled according to § 90 of the "Wehrordnung" to issue certificates of qualification for the one-year volunteer service.) 34 pp. Berlin, 1895.

**Geschichte des Militär-Erziehungs- und Bildungswesens in den Ländern deutscher Zunge.** Von B. Poten, Oberst z. D. (History of military education and training in the countries of German tongue, by B. Poten, colonel z. D.).

Erster Band. Allgemeine Übersicht. Baden, Bayern, Braunschweig, Colmar. (Vol. I. General review. Baden, Bavaria, Brunswick, Colmar.) viii, 368 pp. Berlin, 1889.

Zweiter Band. Hannover, Hessen-Cassel, Hessen-Darmstadt, Hessen-Hanau, Mecklenburg-Schwerin, Münster, Nassau, Oldenburg. (Second volume: Hanover, Hesse-Cassel, Hesse-Darmstadt, Hesse-Hanau, Mecklenburg-Schwerin, Münster, Nassau, Oldenburg.) vii, 416 pp. Berlin, 1891.

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## GERMANY—Continued.

## MISCELLANEOUS—continued.

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Geschichte Brandenburg-Preussens. Bearbeitet auf Grund der Direktiven der königlichen Inspection der Infanterie-Schulen, für den Unterricht auf den Unteroffizier-Schulen. (History of Brandenburg-Prussia. Prepared by direction of the royal inspection of infantry schools, for the instruction at the noncommissioned officers' schools.) 81 pp. Berlin, 1894. [Fd. "History."]

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## GREAT BRITAIN.

## ALDERSHOT.

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Guide to the school of instruction, Aldershot, for the use of officers of infantry militia and rifle volunteers. Containing complete directions for officers of all ranks to obtain the infantry school certificate. By Lieut. Col. William Charles Eldon Serjeant, 5th rifle brigade. 91 pp. London, 1895.

## Lectures delivered before the Aldershot military society:

No. 1. The new service magazine rifle. By Col. Sir Henry St. John Halford. Feb. 2, 1888.

No. 2. The history of tactics. By Rev. Edmund Warre, D. D., head master of Eton. Feb. 23, 1888.

No. 3. The physique of the soldier and his physical training. By Col. G. Onslow, inspector of gymnasia. Mar. 22, 1888.

No. 4. The spirit of tactical operations of to-day. By Col. Lonsdale Hale, late R. E. Apr. 11, 1888.

No. 5. Night operations. By Lieutenant Colonel Miles, D. A. Q. M. G. May 3, 1888.

No. 6. The use and abuse of field artillery. By Col. C. B. Brackenbury, R. A. June 11, 1888.

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- No. 23. The battle of Noisseville (31st August, 1870) revisited. By Col. Lonsdale Hale, late R. E. Jan. 16, 1890.
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- No. 25. Foreign cavalry: A comparison of the fundamental principles of drill. By Col. C. W. Bowdler-Bell. Apr. 17, 1890.
- No. 26. Imperial federation and the defence of the Empire. By G. R. Parkin, M. A., colonial agent to the Imperial Federation League. Oct. 9, 1890.
- No. 27. Physical geography in its relation to military operations. By Maj. Gen. F. Chapman, C. B. Nov. 13, 1890.
- No. 28. The phonograph and its principal application to military and other purposes. By Colonel Gouraud, late U. S. cavalry. Dec. 3, 1890.
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- No. 32. Saddles and saddlery, bits and biting. By Veterinary Surgeon F. Smith, professor in army veterinary school. July 23, 1891.
- No. 33. Visual signalling. By Col. F. C. Keyser, C. B., inspector of signalling. Nov. 3, 1891.
- No. 34. Combined military and naval war operations, with some remarks upon the embarkation of troops in the presence of an enemy. By Rear-Admiral P. H. Colomb. Nov. 24, 1891.
- No. 35. The physical training of the recruit and drilled soldier, with practical illustrations by squads. By Lieut. Col. G. M. Fox, inspector of gymnasia. Dec. 15, 1891.
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- No. 38. The applied tactics of field artillery. By Lieut. Col. N. L. Walford, R. A. April 5, 1892.
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**Undervisningsplan för Krigsskolen tilligemed Bestemmelser för Adgangen til og Afgangen fra samme.** Approberet ved kongelig Resolution af 26<sup>de</sup> August 1872. (Curriculum for the war school, with regulations for admission to and graduation from the same. Approved by royal resolution of Aug. 26, 1872.) 18 pp. Kristiania [no date].

**Uppgifter rörande lärokursen 1885-86 vid kongl. Krigsskolan å Carlberg.** (Programme of courses of instruction, 1885-86, in the royal war school at Carlberg.) 63 pp. Stockholm, 1887.

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Elements of elastic strength of guns. A text-book for the use of student officers at the U. S. Artillery School. By Capt. John P. Story, 4th Artillery, U. S. Army, instructor. [vi], 106 pp.; 6 fig. in text. Artillery School Press, Fort Monroe, Va., 1894. [Fd. "Ballistics."]

Annual report. Commandant U. S. Artillery School, Fort Monroe, Va. 6 pp. [No place] 1896.

Notes and problems on the elements of mechanism and the transmission of power, compiled and prepared for the use of students in steam and mechanism. U. S. Artillery School, Fort Monroe, Va. By First Lieut. W. B. Homer, 5th Artillery. 261, [7] pp.; and atlas of 26 blue-print plates. Artillery School Press, Fort Monroe, Va., 1895.

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Notes on electricity in military and industrial engineering. By Col. H. L. Abbott, Corps of Engineers, brevet brigadier general, U. S. A. 2d edition, with a chapter on electric lighting, by First Lieut. John Millis, Corps of Engineers. viii, 287 pp.; 15 pl. Press of the Battalion of Engineers [Willets Point, N. Y.], 1888. [Fd. "Electricity."]

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Register of the officers and student officers, and regulations and programme of instruction of the U. S. Infantry and Cavalry School. 39 pp. Fort Leavenworth, 1888.

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The military geography of Mexico. By First Lieut. A. L. Mills, 1st Cavalry, assistant instructor.

The military geography of Central America. By First Lieut. Carl Reichmann, 9th Infantry, assistant instructor.

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## Lectures—Continued.

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Field orders and reports. By Capt. Eben Swift, 5th Cavalry, assistant instructor.

Field orders, messages, and reports. By Capt. Eben Swift, 5th Cavalry, assistant instructor.

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## Manual of field engineering for the use of officers and troops of the line.

Prepared at the United States Infantry and Cavalry School by the Department of Engineering, Capt. Wm. D. Beach, 3d Cavalry, instructor. 234 pp., 60 pl. Fort Leavenworth, Kans., July, 1894. [Fd. "Engineering and Fortification."]

Root's military topography. Prepared for use in the United States Infantry and Cavalry School. Second edition, revised and enlarged by the Department of Engineering, Fort Leavenworth, Kans., October, 1896, Capt. Wm. D. Beach, 3d Cavalry, instructor; Capt. A. G. Hammond, 8th Cavalry, assistant instructor; First Lieut. C. H. Muir, 2d Infantry, assistant instructor; 1st Lieut. T. H. Slavens, 4th Cavalry, assistant instructor. 379 pp., 216 fig., 2 colored plates, 8 tables, 1 map. Kansas City, 1896. [Fd. "Topography and Reconnoissance."]

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Annual report of the board of visitors to the United States Military Academy made to the Speaker of the House of Representatives for the year 1894. 80 pp. Washington, 1894.

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List of cadets admitted into the U. S. Military Academy, West Point, N. Y., from its origin till Sept. 1, 1886. Compiled under the direction of Lieut. W. C. Brown, 1st Cavalry, adjutant, by William Ward, clerk in charge of cadet records. 72 pp. Washington, 1887.

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A text-book of ordnance and gunnery. Prepared for the use of cadets of the U. S. Military Academy. By Capt. Lawrence L. Bruff, Ordnance Department, U. S. Army, instructor of ordnance and gunnery at the U. S. Military Academy. 677 pp. New York and London, 1896.

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## MILITARY ACADEMY—continued.

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- The elements of field fortifications for the use of the cadets of the United States Military Academy. By J. B. Wheeler, professor of civil and military engineering at the United States Military Academy at West Point, N. Y., and brevet colonel U. S. Army. xiv, 295 pp., 97 fig. in text. New York, 1882.
- Mahan's permanent fortifications. Revised and enlarged by James Mercur, professor of civil and military engineering, United States Military Academy. xiii, 171 pp., frontispiece, and 19 pl. 2d edition. New York, 1887.
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- Address by Hon. William McAdoo, Assistant Secretary of the Navy. 22 pp. Washington, 1896.

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- The special training of the medical officer, with brief notes on army medical schools abroad and at home. 15 pp. [No place, no date.]
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- Military schools and courses of instruction in the science and art of war. By Henry Barnard, LL. D. 960 pp. New York, 1872.
- Michigan Military Academy. Nineteenth year. June, 1896. 46 pp., 2 sketches.
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## ELECTRICITY.

### AUSTRIA-HUNGARY.

La distribution de l'électricité d'après le système Zipernowsky, Déri, Blathy. Ganz et C<sup>ie</sup>. Société anonyme de fonderie et fabrication de machines à Budapest, Leobersdorf et Ratibor. (The distribution of electricity on the system of Zipernowsky, Déri, Blathy. Ganz & Co. Joint stock foundry and manufacturing company of machines at Budapest, Leobersdorf, and Ratibor.) 104 pp., 94 fig. [No place] 1889.

Die elektrische Vorfeldbeleuchtung und deren Anwendung im Festungskriege. (The electrical lighting of the foreground, and its application in fortress warfare.) Von Carl Exler, k. und k. Hauptmann. 207 pp. Wien, 1894.

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Grundzüge der Elektrotechnik von Karl Exler, k. u. k. Hauptmann, Lehrer am höheren Artillerie- und Genie-Curs. Mit 503 in den text gedruckten Figuren. (Elements of electrotechnics by Karl Exler, Austro-Hungarian captain, instructor at the higher artillery and engineer course. With 503 figures in the text.) vi, 350 pp. Wien, 1895.

Instruction über die Herstellung von Blitzableitungen bei Militärbäuden. Mit 3 Figurentafeln. (Regulations on the construction of lightning rods on military buildings.) 50 pp., 3 pl. Wien, 1896.

### FRANCE.

L. Sautter, Lemonnier et C<sup>ie</sup>. Note sur les applications de la lumière électrique pour signaux, éclairage à grandes distances, travaux de nuit, etc. (L. Sautter, Lemonnier & Co. Notes on the use of electric light for signals, illumination over great distances, night work, etc.) 32 pp. Paris, 1878.

L. Sautter, Lemonnier et C<sup>ie</sup>. Appareils photo-électriques employés par les marines militaires. (L. Sautter, Lemonnier & Co. Photo-electric apparatus in use by the various navies.) [1 vol. text, 1 vol. plates.] 91 pp., 23 pl. Paris, 1881.

Armée de terre. Appareils photo-électriques. L. Sautter, Lemonnier et C<sup>ie</sup>, Paris. (Land army. Photo-electric apparatus. L. Sautter, Lemonnier & Co. Atlas of photographs.)

L. Sautter, Lemonnier et C<sup>ie</sup>. Machines dynamo-électriques à l'Exposition internationale d'électricité. (L. Sautter, Lemonnier & Co. Dynamo-electric machines at the international exposition of electricity.) 20 pp. Paris, 1881.

Visite des membres de l'Institution of Naval Architects aux ateliers de Sautter, Harlé et C<sup>ie</sup>, le 13 juin 1895. (Visit of the members of the Institute of Naval Architects to the shops of Sautter, Harlé & Co., on June 13, 1895.) 24 pp. Paris, 1895.

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Exposition universelle de 1889. Sautter, Lemonnier et C<sup>ie</sup>. Éclairage des côtes, phares et fanaux. Éclairage à l'électricité. Machines électriques, éclairage des navires. Moteurs à grande vitesse. Appareils de levage. (Universal exposition of 1889. Sautter, Lemonnier & Co. Illumination of seacoast, lighthouses, and beacons. Electric lighting. Electric machines, lighting ships. Motors of great speed. Hoisting apparatus.) 51 pp. Paris [no date].

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L'électricité appliquée à l'art militaire. (Electricity applied to the military art.) Par le Colonel Gun. 384 pp. Paris, 1889.

Le turbo-moteur et la dynamo Parsons. (The turbine-motor and Parson's dynamo.) 19 pp. Paris, 1889.

Note complémentaire sur les propriétés du miroir Mangin et du miroir parabolique, en réponse à la note publiée par la Société anonyme d'électricité (anciennement Schuckert et C<sup>ie</sup>). (Complementary note on the properties of the Mangin mirror and of the parabolic mirror, in reply to the note by the Electric Stock Company, formerly Schuckert & Co.) 19 pp. Paris, 1896.

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Beleuchtungswagen für militärische Zwecke, von Schuckert & Co. in Nürnberg. Beschreibung und Instruktion. (Illuminating wagons for military purposes, by Schuckert & Co., of Nuremberg. Description and instruction.) 36 pp., 12 pl. Nürnberg, 1890.

Die elektrische Minenzündung. (Ignition of mines by electricity. A handbook for military and civil engineers.) Von A. von Reusse. 72 pp. Berlin, 1891.

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Scheinwerfer mit Glasparabolspiegel, horizontaler Bogenlampe und Doppelstreuer für veränderliche Streuung von Schuckert & Co. in Nürnberg. Beschreibung und Instruktion. (Projectors with parabolic glass mirror, horizontal arc lamp, and duplex disperser for varying the dispersion, as constructed by Schuckert & Co., of Nuremberg. Description and instruction.) [32] pp., 6 pl. Nürnberg [no date].

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Notes on electricity for the use of the garrison artillery. By Maj. J. R. J. Jocelyn, R. A. 208 pp. London, 1891.

Illustrated catalogue of Elliott Bros., 101-102 St. Martin's Lane, London. W. C., manufacturers of electrical, optical, engineering, and mathematical apparatus. 150 pp. London, 1895.

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Applicazioni elettriche. Lezioni del maggiore del genio F. Pescetto. Scuola di applicazione di artiglieria e genio. (Applications of electricity. Lectures by F. Pescetto, major of engineering, school of application for artillery and engineers.) 223 pp. Torino, 1894.

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Handbuch für elektrische Minenzündung. (Handbook on the electric ignition of mines.) 247 pp. Bern, 1888.

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Notes on electricity in military and industrial engineering. By Col. H. L. Abbott, Corps of Engineers, brevet brigadier general, U. S. A. 2d edition, with a chapter on electric lighting, by First Lieut. John Millis, Corps of Engineers. viii, 287 pp., 15 pl. Press of the Battalion of Engineers [Wilets Point, N. Y.], 1888.

Discussion of the currents in the branches of a Wheatstone's bridge, where each branch contains resistance and inductance, and there is a harmonic impressed electromotive force. By Albert Cushing Crehore, Ph. D., assistant professor of physics, Dartmouth College, and George Owen Squier, Ph. D., first lieutenant U. S. Army. Extract, 161-172 pp. [No place, no date.]

## ENGINEERING AND FORTIFICATION.

### AUSTRIA-HUNGARY.

**Architektonische Formenlehre für die k. k. Genie-Akademie verfasst von Wilhelm Doderer, k. k. Professor.** (Science of architectural forms for the Austrian engineer academy, by Wilhelm Doderer, professor.)

I. Abtheilung. Die Architektursysteme der Griechen und Römer. (Part I. The systems of architecture of the Greeks and Romans.) 15 pl. Klosterbruck, 1866.

II. Abtheilung. Darstellung der Architektursysteme des Mittelalters und der Renaissance, in 20 autografierten Tafeln nebst Inhaltsverzeichnis für die Unterrichtszwecke der k. k. Genie-Akademie, bearbeitet von Wilhelm Doderer, früher Professor an dieser Akademie, derzeit Professor für Hochbau und Architektur am k. k. polytechnischen Institut zu Wien. (Part II. Illustration of the architectural systems of the Middle Ages and Renaissance, in 20 tables, with table of contents, for instruction at the Austrian Engineer Academy, by Wilhelm Doderer, sometime professor of that academy, now professor of building and architecture at the Polytechnicum at Vienna.) 20 tables. [No place] 1867.

**Styl-Lehre der architektonischen Formen des Alterthums, verfasst von Alois Hauser, Architekt.** (Science of the styles of architectural forms of antiquity, by Alois Hauser, architect.) 3d edition. ix, 144 pp., 173 fig. Wien, 1894.

—— The same. Middle Ages. viii, 132 pp., 115 fig. Wien, 1884.

—— The same. Renaissance. 3d edition. vii, 178 pp., fig. Wien, 1891.

**Anleitung für die Anlage von neu zu erbauenden Maroden-Häusern und Truppen-Spitälern.** (Guide for the designing of infirmaries and troop hospitals.) 29 pp. Wien, 1879.

—— **Atlas. Beispiel für die Anlage eines Truppen-Spitals im Auftrage des k. k. Reichs-Kriegs-Ministeriums ausgearbeitet von Franz Gruber.** (Examples of the design of a troop hospital prepared by order of the imperial war ministry, by Franz Gruber, professor of architecture at the higher artillery and engineer course and at the technical military academy.) 8 pp. 1880.

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**Directiven für die Decken-Constructions in Militär-Gebäuden.** (Directions for the construction of ceilings in military buildings.) 3d edition. 80 pp. Wien, 1890.

—— The same. 4th edition. 77 pp., 6 pl. Wien, 1896.

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Anleitung für die Anlage von neu zu erbauenden Kasernen. (Guide for designing of barracks.) 103 pp. Wien, 1879.

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— The same. Chasseur barracks. 4 sheets. 1880.

— The same. Cavalry barracks. 13 sheets. 1880.

— The same. Artillery barracks. 4 sheets. 1880.

Eiserne Dach-Constructionen, von Moriz Bock, k. u. k. Hauptmann des Geniestabes. (Iron roof construction. By Capt. Moriz Bock, of the engineer staff.) 69 pp., 4 pl. Wien, 1889.

K. u. k. technische Militär-Fachcourse. Vorträge aus Entwurf militärischer Hochbauten. (Austro-Hungarian special military technical courses. Lectures from "Military Buildings.") 487, 20 pp. Numerous figures in the text. Lithographed. [No place, no date.]

— The same. Auszug aus den Vorträgen über Brückenbau, zusammengestellt von Hauptmann Julius Mandl des Geniestabes. (Extracts from the lectures on bridge building, compiled by Capt. Julius Mandl, of the engineer staff.) 193, 6 pp. Numerous illustrations in text. Lithographed. [No place, no date.]

— The same. Eisenbahn und Wasserbau, zusammengestellt von Hauptmann A. Ellbogen des Geniestabes. (Railway and water constructions, compiled by Capt. A. Ellbogen, of the engineer staff.) 195, 182, 84, 5, 23 pp. Lithographed. [No place, no date.]

— The same. Beispiele aus dem Festungskriege. (Instances of fortress warfare.) 8, 10, 3, 7 pp., 5 pl. Lithographed. [No place, no date.]

— The same. Baumechanik. Zusammengestellt von Hauptmann Julius Mandl des Geniestabes. (Mechanics of construction. Compiled by Capt. Julius Mandl, of the engineer staff.) 188 pp. Lithographed. [No place, no date.]

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Die beständige Befestigung und der Festungskrieg. Nach den neuesten Quellen bearbeitet. Zweite Auflage. (Permanent fortification and fortress warfare. From the latest sources. Second edition.)

I. Band. Allgemeiner Theil hiezu 10 Tafeln von Ernst Freiherr von Leithner, k. u. k. Oberstlieutenant im Geniestabe. (Part I. General, with 10 plates, by Lieut. Col. Leithner, of the Austrian engineer staff.) 204 pp.

II. Band. Fortifikatorische Constructionen und Entwürfe. Hiezu 8 Tafeln von mehreren k. u. k. Officieren. (Part II. Fortification works and plans, with 8 plates by several Austro-Hungarian officers.) iv, 291 pp. Wien, 1894.

— The same. Atlas of 18 plates.

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II. Heft. [64] pp. Wien, 1896.

III. Heft. vii, [72] pp., 3 pl. Wien, 1896.

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**Fieldworks and technical constructions used in war.** Translated from the "Technische Notizen über Feld-Befestigung, von A. Springer, Wien, 1890," by Lieut. R. H. Wilson, 8th Infantry. 55 pp., 28 pl. (blue prints). Fort Leavenworth, 1891.

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**Technischer Unterricht für die k. u. k. Infanterie und Jägertruppe.** (Technical instruction for the Austro-Hungarian infantry and chasseurs.) vi, 33 pp., 32 fig. Wien, 1894. [Fd. "Field Service and Training."]

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**BELGIUM.**

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- Manuel des travaux de campagne pour l'infanterie.** (Manual of field engineering for infantry.) 121 pp. Bruxelles, 1887.
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- Projet d'instruction relative à la construction de ponts de circonstance.** (Proposed instruction in the building of extemporized bridges.) 33 pp. Bruxelles, 1893. [Fd. "Special Corps."]
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- Cours de fortification passagère. Première partie: La fortification passagère en liaison avec la tactique.** (Course in field fortification. Part I. Field fortification in connection with tactics.) Par V. Deguise. 2 vols. (text and atlas). 115 pp., 3 tables, 16 pl. Bruxelles, 1893.
- The same. **Seconde partie. Les applications de la fortification passagère.** (Applications of hasty intrenchments.) Par V. Deguise. 2 vols. (text and atlas). Bruxelles, 1894.
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- Attaque et défense des places.** (Attack and defense of fortified places.) Par le major Libbrecht et le lieutenant Cabra. 166 pp. Bruxelles, 1895. (Fd. "Tactics.")
- La défense des côtes et les têtes de pont permanentes.** (The defense of seacoasts, and permanent bridge heads.) Par le général Brialmont. 2 vols. (text and atlas). 252 pp., 14 pl. Bruxelles, 1896.
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- Essai sur le système défensif de la Belgique. Recrutement, organisation et armement de ses troupes.** (Essay on the system of defense of Belgium. Recruitment, organization, and armament of her troops.) Par F. Legaigneur, capitaine de réserve au 132<sup>e</sup> de ligne. 156 pp. Bruxelles, 1895.
- Deuxième agrandissement général d'Anvers. Projeté par le colonel Van Bever.** Avec cinq plans en phototypie et couleurs. (Second general enlargement of Antwerp. Proposed by Colonel Van Bever. With 5 plans in phototype, colored.) viii, 94 pp. Anvers, 1896.

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Quelques considérations sur les forteresses à grand développement. (Reflections on fortresses of great development.) Par le colonel Van Bever. 20 pp., 3 pl. Anvers, 1897.

Instruction concernant la réception des ciments à employer dans les travaux du génie militaire. Art. 134 des conditions générales. (Instructions regarding the acceptance of cements to be employed in the works of the military engineers. Art. 134, general rules.) 15 pp. Bruxelles, 1896.

Nœuds de cordages et brélages. (Knots and lashings.) 18 pp., 1 pl. [No place, no date.]

Notice explicative à l'appui d'un système de construction en béton applicable dans les ouvrages de fortification. (Explanatory note in support of a system of beton construction applicable to works of fortification.) 17 pp., 6 tables, 4 pl. [No place, no date.]

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Notions élémentaires de fortification passagère à l'usage des volontaires d'un an. Service de la cavalerie. (Elementary notes on field fortification for one-year volunteers. Cavalry.) 15 pp. Paris, 1874.

École de mines. (School in mining.) 369 pp. Paris, 1879.

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Rôle and organization of seacoast batteries. Translated from the French by Lieut. E. M. Weaver, 2d Artillery. 62 pp. Fort Monroe, 1890.

Manuel complet de fortification rédigé conformément au programme du cours professé à l'école spéciale militaire et au programme d'admission à l'école supérieur de guerre, par H. Plessix, lieut. col. d'artillerie et E. Legrand-Girarde, capit. du génie breveté d'état-major. (Complete manual of fortification prepared in accordance with the course taught at the "École spéciale militaire" and with the programme of admission to the superior war school.) 2<sup>e</sup> édition. 724 pp. Paris, 1890.

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— The same. Service de l'artillerie dans la défense des côtes. Par le capitaine Ch. Gautier. École d'application de l'artillerie et du génie. (Service of the artillery in coast defense. By Capt. Ch. Gautier. Artillery and engineer school of application.) Avril 1894. [Fd. "Ordnance Material."]

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1. Principes généraux de fortification d'attaque et de défense des places. (General principles of fortification for the attack, and for the defense of fortified places.)

4. Rôle et emploi de la fortification dans la défense des états. (Rôle and employment of fortification in the defense of States.)

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7a. Service spécial du génie. (Special service of the engineers.)

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- Cours de fortification. École spéciale militaire. 1<sup>re</sup> année, 1894-95. (Course in fortification. "École spéciale militaire." 1st year, 1894-95.) — The same. 2<sup>m</sup>e année. (Second year.) 1894-95.
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The siege operations in the campaign against France, 1870-71. Translated from the German of Colonel von Tiedemann, by Major Tyler, R. E. With 19 lithographic plans. vi, 196 pp. London, 1877.

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Die Befestigung und Vertheidigung der deutsch-französischen Grenze. (The fortification and defense of the Franco-German frontier.) Von F. M. von Donat. 4. Auflage. 50 pp. Berlin, 1894.

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Part II. Permanent fortification; historical development; siege works; coast defense. 347 pp. London, 1893.

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Part 1. Field defenses. 4th edition. 136 pp., 54 pl. London, 1888.

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Part 2. Attack of fortresses. 3d edition. 123 pp., 29 pl. London, 1884.

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Field fortification, with examples and answers. By H. Turner. 210 pp. London, 1892.

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XI. Horse artillery details. B. L., 12-pr., 6 cwt. equipment (pole draft). 124 pp.

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Appendice No. 3. Extrait du décret du 28 mai 1895 sur le service des armées en campagne. (Extracts from the decree of May 28, 1895, regarding field service.)

Appendice No. 4. Extrait de l'aide-mémoire de l'officier d'état-major en campagne. (Extracts from the general staff officer's field pocketbook.)

Appendice No. 5. Extrait du règlement du 22 août 1890 sur le service des subsistances militaires et du chauffage en campagne. (Extracts from the regulations of Aug. 22, 1890, regarding the subsistence service and fuel in the field.)

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## RECRUITING.

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[Fd. "Navy and Navigation."]

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XXI. Deel. 477 pp. 's Gravenhage, 1892.

XXII. Deel. 353 pp. 's Gravenhage, 1895.

XXIII. Deel. 360 pp. 's Gravenhage, 1896.

Verslag aan zijne excellentie den minister van oorlog door den kapitein Punt van het 2de regiment veld-artillerie uitgebracht, omtrent eene dienstreis ingevolge aanschrijving van het departement van oorlog, Jd. 2 oktober 1894. IIe afdeeling. No. 13. (Report to his excellency the minister of war by Captain Punt of the 2d field artillery regiment on a journey made under instructions from the war department of Oct. 2, 1894.)

## NETHERLANDS—Continued.

## Verslagen, rapporten en memorien omtrent militaire onderwerpen—Continued.

Rapport van den luitenant kolonel J. J. Hinze, dirigierend-paardenarts, omtrent eenige der onderwerpen behandeld op het 6de internationaal veerartsenrykundig congres te Bern, gehouden van 16-21 september 1895. (Report of Lieut. Col. J. J. Hinze, veterinary director, on some of the subjects dealt with before the sixth international veterinary congress at Bern, Sept. 16-21, 1895.)

Programma van gehouden schietoefeningen in 1895, in de legerplaats bij Zeist. (Programmes of firing exercises held in 1895 at the camp near Zeist.)

Rapport nopens eene studie van den verplegingsdienst bij manoeuvres in het buitenland. Met 1 plat. (Report regarding the supply service in maneuvers abroad. With 1 plate.)

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3. Theil. **Strassen-, Eisenbahn-, Telegraphen- und Wasserbau.** (Roads, railroads, telegraphs, and water constructions.) xiii, 168 pp., 161 figs. Wien, 1895.
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11. Theil. **Feld-Befestigung.** (Field fortification.) xix, 334 pp., 160 figs., 7 pl. Wien, 1887.
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Die Signaturen der Generalstabskarten des deutschen Reiches 1:100,000; Frankreich 1:80,000; Österreich 1:75,000; Russland 1:126,000, nebst Erklärungen für die französische Karte. Als Hilfsmittel zum Kartenlesen zusammengestellt von J. Spindler, Hauptmann à l. s. (The conventional signs of the general staff maps of the German Empire, scale 1:100,000, France 1:80,000, Austria 1:75,000, and Russia 1:126,000, including explanations for the French maps. Compiled as an aid in map reading by J. Spindler, captain à l. s.) 16 pp. Munich, 1895. [Fd. "Geography," Germany.]

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Tratado de topografía. (Treatise on topography.) Por Julian Suárez Inclán. 2 vols. (text and plates). viii, 548 pp. Madrid, 1879.

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Instrucciones para los trabajos topográficos del cuerpo de estado mayor del ejército. (Instructions for the topographical labors of the general staff of the army.) 87 pp., 12 blank forms, 8 maps, 14 pl., etc. Madrid, 1888.

Instrucciones y cartilla para los ejercicios de orientación. (Instructions and handbook for orientation exercises.) 68 pp., 5 pl. Madrid, 1892.

## SWITZERLAND.

Manuel sur l'étude du terrain, la lecture des cartes, et les reconnaissances. (Manual on the study of the terrain, map reading, and reconnoissances.) 2<sup>me</sup> édition. 164 pp., 16 pl. Lausanne, 1891.

## UNITED STATES.

Seventh annual report on the progress of the topographical survey of the Adirondack region of New York, to the year 1879. Containing the condensed reports for the years 1874, 1875, 1876, 1877, and 1878. With late results in geodetic and trigonometrical measurements, magnetic variations, hydrography, river surveys, leveling and barometric hypsometry, meteorology, rainfall, botany, zoology, and geology. With maps, engravings, and chromo-lithographs. 533 pp. Albany, 1880.

Report of a military reconnoissance in Alaska, made in 1883, by Frederick Schwatka, first lieutenant, 3d Cavalry, U. S. Army. 121 pp., 20 maps. Washington, Government Printing Office, 1885.

Report of an expedition to the Copper, Tananá, and Kóyukuk Rivers in the Territory of Alaska, in the year 1885, for the purpose of obtaining all information which will be valuable and important, especially to the military branch of the Government. Made under the direction of Gen. Nelson A. Miles, commanding Department of the Columbia, by Lieut. Henry T. Allen, 2d U. S. Cavalry. 172 pp., 4 maps. Washington, Government Printing Office, 1887.

## UNITED STATES—Continued.

Report of the Superintendent of the U. S. Coast and Geodetic Survey, showing the progress of the work during the fiscal year ending with June, 1889. xxx, 506 pp., 50 maps. Washington, 1890.

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U. S. Coast and Geodetic Survey. Proceedings of the topographical conference held at Washington, D. C., Jan. 18 to Mar. 7, 1892. Appendix No. 16—Report for 1891—Part II. [182] pp. Washington, 1892.

Reports on the investigations and surveys for an international dam and reservoir on the Rio Grande del Norte, to preserve the boundary between the United States and Mexico by controlling the flood waters of said river. With appendices A, B, C, D, and E. By Anson Mills, major 10th Cavalry, supervising engineer Geological Survey, and W. W. Follett, civil engineer. 86 pp., 3 diagrams. Washington, 1896.

Topographical drawing and sketching, including applications of photography. Two volumes in one. By Lieut. H. A. Reed, U. S. Army, assistant professor of drawing, U. S. Military Academy. 2d edition. 140, 68 pp., 26 pl. New York, 1888.

A manual of topographic methods. By Henry Gannett. (Monographs of the U. S. Geological Survey, Vol. XXII.) 300 pp., 17 pl., 1 map. Washington, 1893.

Military topography and sketching. Prepared for use in the department of engineering, U. S. Infantry and Cavalry School, Fort Leavenworth, Kans. By Lieut. Edwin A. Root, 19th Infantry. 279 pp., 2 maps. Fort Leavenworth, 1895.

Conventional topographic signs. (10 sets.)

Root's military topography and sketching. Prepared for use in the U. S. Infantry and Cavalry School. 2d edition. iv, 379 pp., 3 pl. Kansas City [no date].

Notes on photography. 80 pp., 12 pl. Fort Leavenworth, 1884.

Photography and its application to military subjects. By Lieut. Charles Dodge, jr., 24th Infantry. 9 pp., 3 pl. Fort Bayard, N. Mex., 1894. [MS.]

Manual of photography for the use of the Army. By Samuel Reber, first lieutenant, Signal Corps, U. S. Army. 112 pp. Washington, 1896.

Smithsonian geographical tables. Prepared by R. S. Woodward. cv, 182 pp. Washington, 1894.

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Smithsonian physical tables. Prepared by Thomas Gray. xxxiv, 301 pp. Washington, 1896.

Military surveys and reconnoissance and map duplicating in the field. By Maj. W. R. Livermore, Corps of Engineers, U. S. Army. (International Congress of Engineers.) [Fd. "Engineering and Fortification."]

Military map reading, field, outpost, and road sketching for noncommissioned officers. By Capt. W. D. Beach, 3d Cavalry. 83 pp. Kansas City, 1897.

Examination of the Missouri River from Three Forks to Canyon Ferry, Mont. H. R. Ex. Doc. No. 96, 53d Cong., 2d sess. Washington, 1894.

Balloons in war. A lecture delivered before the class of officers at the U. S. Infantry and Cavalry School, Fort Leavenworth, Kans., Mar. 27, 1896. By First Lieut. J. T. Dickman, department of military art. 14 pp. Fort Leavenworth, Kans., 1896.

## GENERAL.

Facts concerning the origin, organization, administration, functions, history, and progress of the principal government land and marine surveys of the world. By Capt. George M. Wheeler, Corps of Engineers, U. S. Army. vii, 569 pp., 7 maps. Washington, 1885.

Collection and transmission of intelligence in the field. Lieut. Col. C. L. C. Beresford, royal engineers. (International Congress of Engineers.) [Fd. "Engineering and Fortification."]

Military sketching and maps. Colonel von Usedom, royal Prussian government survey. (International Congress of Engineers.) [Fd. "Engineering and Fortification."]

Military surveys and reconnoissance and map duplication in the field. Lieut. Henry Jervey, Corps of Engineers, U. S. Army. (International Congress of Engineers.) [Fd. "Engineering and Fortification."]

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## TRANSPORTATION.

### AUSTRIA-HUNGARY.

Vorschrift für die Unterbringung und Erhaltung der Train-Vorräthe.  
(Regulations for the shelter and preservation of the train reserve material.) Wien, 1891. [Fd. "Equipment."]

Normen für die Trainausrüstung des k. und k. Heeres. (Regulations for the train equipment of the Austro-Hungarian army.)

I. Theil. Truppentrain. (Troop train.)

1. Heft. Allgemeine Bestimmungen, betreffend den Train der Infanterie, Jägertruppe und Cavallerie. (General regulations relating to the train of the infantry, rifles, and cavalry.) vii, 129 pp., 8 pl. Wien, 1896.
2. Heft. Trainmaterialstand, Bestimmung, Ausrüstung und Packung der Compagnie-Munitionswagen und Trainfuhrwerke eines Infanterie- (Tiroler Jäger-) Regiments und eines Feldjäger-Bataillons. (List of train material, object, equipment, and packing of company ammunition wagons and train vehicles of an infantry (Tirolese rifle) regiment and of a field-rifle battalion.) v, 98 pp., 24 pl. Wien, 1896.
3. Heft. Trainmaterialstand, Bestimmung, Ausrüstung, und Packung der Trainfuhrwerke eines Cavallerie-Regiments und einer Cavallerie-Reserve-Escadron. (List of train material, object, equipment, and packing of the train vehicles of a cavalry regiment and of a cavalry reserve squadron.) v, 74 pp., 16 pl. Wien, 1896.

II. Theil. Armee-Train. (Army train.)

1. Heft. Allgemeine Bestimmungen und Grundsätze für die Ausrüstung des Armee-Trains. Dienst bei den Train-Reserveanstalten. Dienst der höheren Trainorgane. (General regulations and principles for the equipment of the army train. Service with the train reserve establishments. Duties of the higher train organs.) xi, 268 pp., 66 pl. Wien, 1897.

Normen für die Feld-Ausrüstung der k. und k. Eisenbahn-Compagnien.

Erster Theil. (Rules for the field equipment of the Austro-Hungarian railway companies. Vol. I.) 355 pp., 22 pl. Wien, 1894.

—— The same. Zweiter Theil. 451 pp. Wien, 1895.

—— The same. Figurentafeln. (Atlas of plates.) 74 pl. Wien, 1895.  
[Fd. "Equipment."]

Construction der Kriegsfuhrwerke. (Construction of military vehicles.)  
Von Georg Kaiser. 144 pp., 42 figs., 7 pl. Wien, 1895.

Die Fuhrwerke des k. u. k. Heeres. (The vehicles of the Austro-Hungarian army.) Von Max Haller. 69 pp., 70 figs. Wien, 1896.

Vorschrift für den Militärtransport auf Eisenbahnen. (Regulations on railway transportation of troops.) 4. Auflage. x, 265 pp., 12 pl. Wien, 1892.

Stations-Verzeichniss zur Eisenbahn-Karte der Österreichisch-Ungarischen Monarchie. (Index to stations on the railroad map of the Austro-Hungarian Monarchy.) 61 pp. Wien, 1891.

Eisenbahn-Kalender für Österreich-Ungarn, 1892. (Railway guide of Austria-Hungary for 1892.) 250 pp., 1 map. Wien [no date].

Anleitung für den Gebrauch der Schneschuhe und Schneereifen. (Guide for the use of skis and snowshoes.) iii, 16 pp. Wien, 1896.

## BELGIUM.

Projet d'instruction relative à la construction de ponts de circonstance. (Proposed instruction on the construction of makeshift bridges.) 83 pp. Bruxelles, 1893. [Fd. "Special Corps."]

Instruction relative aux exercices de construction et de démolition des voies ferrées. (Instructions for practice in the construction and demolition of railways.) 32 pp. Bruxelles, 1893.

Ministère des chemins de fer, postes et télégraphes. Compte rendu des opérations pendant l'année 1892. (Department of railways, posts, and telegraphs. Report of operations during 1892.) xiv, 173, 21, 23, 15 pp. Bruxelles, 1893.

— The same, for 1893. xiv, 171, 21, 22, 15 pp., 2 maps. Bruxelles, 1894.

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— The same, for 1895. 173, 21, 27, 18, x pp., 2 maps. Bruxelles, 1896.

Passage des cours d'eau et ponts militaires. (Passage of streams and military bridges.) Par R. Van Wetter, lieutenant. 246 pp., 8 pl. Bruxelles, 1894.

Dictionnaire officiel des distances légales par les voies ordinaires entre toutes les communes de la Belgique. (Official table of distances by all ordinary roads between all the communes of Belgium.) viii, 178 pp. Bruxelles, avril 1896.

## CANADA.

Annual report of the department of railways and canals for the fiscal year 1891-92. xcv, 211, 184 pp., 13 maps.

— The same, for the fiscal year 1892-93. lxxxvii, 495 pp., 13 maps. Ottawa, 1894.

— The same, for the fiscal year 1893-94. lxxxvii, 463 pp., 16 maps. Ottawa, 1895.

— The same, for the fiscal year 1894-95. xcii, 501 pp., 17 maps. Ottawa, 1896.

[Fd. "Reports."]

Report by the Right Honorable the Earl of Jersey, G. C. M. G., on the colonial conference at Ottawa, with the proceedings of the conference and certain correspondence. xii, 376 pp., 1 map. London, 1894.

Despatches from the secretary of state for the colonies on questions of trade and commercial treaties. 18 pp. London, 1895. [With the above.]

## CUBA.

Memoria sobre las obras públicas de la Isla de Cuba en los años económicos de 1873-74 á 1881-82, dirigida al ministro de ultramar por el inspector general de obras públicas de la Isla de Cuba. (Report on the public works of the Island of Cuba for the fiscal year from 1873-74 to 1881-82, submitted to the minister of colonies by the inspector general of public works for the Island of Cuba.) 491 pp., 1 map. Habana, 1887.

## CUBA—Continued.

Guía de ferrocarriles de la Isla de Cuba. (Railway guide for the Island of Cuba.) 112 pp. Habana, 1889.

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Règlement concernant l'aménagement des voitures de chemin de fer pour le transport des militaires malades, et ordonnance sur l'équipement des trains sanitaires, du 27 août 1878. (Regulations on the alteration of railway carriages for the transportation of sick soldiers, and general order on the equipment of hospital trains, Aug. 27, 1878.) Paris [1878]. [Fd. "Medical Service."]

Instruction spéciale pour le transport des troupes d'infanterie par les voies ferrées. Extrait du règlement général pour les transports militaires par chemins de fer. Décret du 1<sup>er</sup> juillet 1874 modifié par décret du 29 octobre 1884. (Special instruction for the rail transport of infantry. Extract from the general regulations for military rail transport. Decree of July 1, 1874, modified by decree of Oct. 29, 1884.) 175 pp., 12 pl. Paris, 1885.

— The same. De cavalerie par les voies ferrées. Approuvée le 11 janvier 1886. (Extrait du règlement général pour les transports militaires par voies ferrées.) (Of cavalry. Approved Jan. 11, 1886. Extract from the general regulations for military rail transport.) 154 pp., 9 pl., 2 blank forms. Paris, 1886.

— The same. D'artillerie de campagne et de montagne et du train des équipages par chemin de fer. (Of field and of mountain artillery and of the train by rail.) 161 pp. Paris, 1891.

— The same. D'infanterie et du génie par les voies ferrées. Avec annexe spéciale relative au transport de ces troupes par voies maritimes. (Of infantry and of engineers by rail. With special appendix referring to transport of the troops by sea.) 314 pp., 36 pl. Paris, 1894.

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Transports militaires par chemins de fer. Loi et décrets organiques. (Military transport by rail. Law and organic decrees.) 84 pp. Paris, 1890.

Transports militaires par chemins de fer. Appendices aux règlements sur les transports ordinaires et stratégiques. 25 avril 1890. Édition mise à jour. (Rail transportation. Appendices to the regulations on ordinary and on strategic transports. Edition brought up to date.) 294 pp., 36 pl., 31 pp. Paris, 1893.

I. Règles militaires relatives à l'exécution du transport des troupes d'infanterie et du génie. (Military rules on executing the transportation of infantry and of engineers.)

II. Règles militaires relatives à l'exécution du transport de cavalerie. (Military rules on executing the transportation of cavalry.)

III. Règles militaires relatives à l'exécution du transport des troupes d'artillerie, des pontonniers et du train des équipages. (Military rules on executing the transportation of artillery, pontonniers, and train.)

## FRANCE—Continued.

**Transports militaires par chemins de fer. Appendices aux règlements sur les transports ordinaires et stratégiques—Continued.**

- IV. Règles spéciales pour l'embarquement de deux fourgons sur un même truc. (Special rules for placing two baggage wagons on the same truck.)
- V. Organisation des trains sanitaires improvisés et des infirmeries de gare. (Organization of improvised hospital trains, and of railroad station infirmaries.)
- VI. Accessoires servant à l'embarquement, au transport et au débarquement des chevaux et du matériel. (Accessories for entraining, transport, and detraining of horses and of material.)
- VII. Instruction concernant les commissaires et commandants de gare. (Instruction concerning the commissaries and commanding officers of railway stations.)
- VIII. Instruction sur l'alimentation pendant les transports stratégiques. (Instruction on subsisting the men during strategic transports.)
- IX. Décret du 18 juillet 1876, modifiant les dispositions qui régissent les frais de route (ordres de mouvements rapides). (Decree of July 18, 1876, amending the rules controlling travel expenses (orders for rapid movements).)
- X. Instruction pour les exercices sur les chemins de fer en temps de paix. (Instruction for railway exercises in peace.)

Cours de mécanique appliquée. Chemins de fer. (Course of applied mechanics. Railways.) École d'application de l'artillerie et du génie. 239 pp., 38 pl. [Fontainebleau], 1894.

Décret du 20 octobre 1894, modifiant les règlements des 18 et 19 novembre 1889 sur les transports militaires par chemins de fer. Décision ministérielle du 4 septembre 1894, modifiant certains documents relatifs aux transports militaires par chemin de fer. Appendices et annexes. (Decree of Oct. 20, 1894, modifying the regulations of Nov. 18 and 19, 1889, on the rail transport of troops. Ministerial decision of Sept. 4, 1894, amending certain documents relating to rail transports. Appendices and annexes.) (Extrait du "Journal Militaire," 2<sup>e</sup> semestre 1894, n<sup>o</sup> 32.) 44 pp., 5 figs. Paris, 1895.

Instruction sur la tenue, le paquetage et le transport des vivres et des sacs des hommes dans les troupes d'artillerie en campagne. Approuvée par le ministre de la guerre le 27 mai 1891. (Instruction for the dress, packing, and transport of the rations and knapsacks of artillery troops in the field. Approved by the minister of war May 27, 1891.) 91 pp., 15 figs. Paris, 1891. [Fd. "Equipment."]

Règlement du 18 novembre 1889 sur les transports ordinaires (guerre et marine). Édition annotée et mise à jour. (Regulations of Nov. 18, 1889, on ordinary transports (war and navy departments). Annotated edition, brought up to date.) 54 pp. Paris, 1893.

Instruction du 10 avril 1894 pour le transport des militaires de la disponibilité et de la réserve de l'armée active, armée de terre, et armée de mer, ainsi que des hommes de l'armée territoriale et de la réserve de ladite armée, absents de leur domicile au moment de la publication de l'ordre de mobilisation. (Instructions of April 10, 1894, for the transportation of soldiers belonging to the "disponibilité" and to the reserve of the active army (army and navy), as well as of men of the territorial army and of its reserve, absent from home when mobilization orders are published.) 7 pp. Paris-Limoges, 1894.

## FRANCE—Continued.

- Règlement du 18 novembre 1889, sur les transports ordinaires. Guerre et marine. Modifié par le décret du 20 octobre 1894. (Regulations of Nov. 18, 1889, on ordinary transports. War and navy. Modified by decree of Oct. 20, 1894.) 4<sup>me</sup> édition. 57 pp. Paris-Limoges, 1895.
- Règlement du 19 novembre 1889, sur les transports stratégiques. Modifié par le décret du 20 octobre 1894. (Regulations of Nov. 19, 1889, on strategic transports. Modified by decree of Oct. 20, 1894.) 4<sup>me</sup> édition. 58 pp. Paris-Limoges, 1895.
- Règlement sur la conduite des voitures et des mulets de bât pour les troupes du train des équipages militaires. (Regulations on driving the vehicles and pack mules for the military train.) Approuvé le 21 juillet 1883. 493 pp. Paris, 1884.
- Décret du 10 octobre 1887 relatif à l'organisation du train des équipages militaires en temps de paix et de guerre. (Decree, Oct. 10, 1887, on the organization of the train in peace and war.) "Journal Militaire," 98<sup>e</sup> année, 1887, n° 46. Paris, 1887.
- Équipages régimentaires et d'état-major. Aide-mémoire à l'usage des officiers d'infanterie et de cavalerie. (Regimental and staff wagon trains. Aide-mémoire for officers of infantry and of cavalry.) Par L. Delhomme, capitaine d'artillerie. 242 pp., 25 pl. Paris-Limoges, 1893.
- Carnet à l'usage des chefs de détachement du train des équipages militaires. (Mis en concordance avec les règlements et tarifs en vigueur conformément à la note ministérielle du 21 février 1890.) (Pocketbook for chiefs of detachment of the military train. (Brought into agreement with the regulations and tariffs in force, in obedience to the ministerial note of Feb. 21, 1890.)) Paris-Limoges [no date].
- Cours spécial à l'usage des sous-officiers du train des équipages militaires. Approuvé par le ministre de la guerre le 25 juin 1896. (Special course for noncommissioned officers of the train. Approved by the minister of war June 25, 1896.) 175 pp., 60 figures in the text. Paris, 1897.
- Cours spécial sur les ponts militaires et le passage des rivières. (Special course on military bridges and on the passage of rivers.) 348 pp. Paris, 1880. [Fd. "Engineering and Fortification."]
- Nouveaux ponts portatifs économiques système Eiffel, breveté S. G. D. G., applicables au service des chemins vicinaux, à celui des armées en campagne, aux chemins de fer à voie étroite et aux routes coloniales. Notice sur les différents types des ponts de ce système. (New portable economical bridges, Eiffel system, patented. Applicable to the service of parish roads, of armies in the field, to narrow-gauge roads, and to colonial roads. Notice of the various types of the bridges of this system.) 66 pp., 13 pl. Paris, 1885.
- Schneider et C<sup>ie</sup>. Usines de Creusot. Ponts de campagne. Ponts de circonstance et ponts d'ordonnance légers. Construction rapide des ponts de circonstance du système breveté s. g. d. du major Pfund. (Schneider & Co. Creusot works. Field bridges, improvised bridges, and light regulation bridges. Rapid construction of improvised bridges, Pfund system.) 9 pp., 2 pl. [No place, no date.]

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Ponts démontables pour le rétablissement des voies ferrées système G. Eiffel breveté S. G. D. G. Types pour voie normale de 1 m 50. (Take-down bridges for the reestablishment of railways. Eiffel system, patented. Types for normal gauge of 1.5 meters.) Description. 18 pp. Paris [no date].

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Instruction spéciale pour l'embarquement et le débarquement des batteries de 95 mm. (Special instructions for entraining and detraining 95-mm. batteries.) 13 pp. Paris, 1877.

Manuel des distances. Voies navigables. Ministère des travaux publics. (Table of distances. Navigable streams. Ministry of public works.) 352 pp., 1 map. Paris, 1882.

Décret réorganisant les services de l'arrière aux armées. (Decree reorganizing the service "in rear of the army" (supply, medical, etc.)) (Bulletin officiel du ministère de la guerre. 1889. Partie réglementaire. No. 85.) Paris, 1889.

Canal interocéanique de Panama. Rapports de la commission d'études instituée par le liquidateur de la compagnie universelle. (Panama canal. Reports of the commission of investigation instituted by the liquidator of the universal company.) [In 9 parts.] Paris, 1890. [Fd. "Navy and Navigation," Latin America.]

Lettre ouverte au sujet du marché des voitures Lefebvre destinées à l'expédition de Madagascar. (Suivie de quelques extraits de journaux relatifs à l'emploi des voitures à Madagascar.) (Open letter in respect of the contract for Lefebvre vehicles destined for the Madagascar expedition. (Followed by several extracts from the press on the use of vehicles in Madagascar.)) Par H. Lefebvre. 43 pp. Paris, 1895.

Instruction sur le service prévôtal de la gendarmerie aux armées du 18 avril 1890. 6<sup>e</sup> édition, à jour jusqu'au 1<sup>er</sup> février 1896. Annotée et suivie du tableau déterminant la tenue de la gendarmerie en campagne. (Instruction on the provost guard service of the gendarmery serving with troops, Apr. 18, 1890. 6th edition, brought down to Feb. 1, 1896. Annotated and followed by the table fixing the dress of the gendarmery in the field.) 176 pp. Paris, 1896. [Fd. "Military Justice."]

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Militär-Eisenbahn-Ordnung. (Regulations concerning military railways.) 3 vols. 241 pp.; 74 pp., 7 pl.; 143 pp. Berlin, 1887.

Geschichte und System der Eisenbahnbenutzung im Kriege. (History and method of the use of railroads in war.) Ein eisenbahntechnisches und militärisches Hilfsbuch von Dr. Jur. Joesten, Regierungsrath und Hauptmann a. D. 86 pp. Leipzig, 1896.

Vorschrift über die Versendung von Sprengstoffen und Munitions-Gegenständen. (Regulations for transportation of explosives and ammunition.) 38 pp. Berlin, 1889. [Fd. "Ammunition."]

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Geschichte des Nord-Ostsee-Kanals. Festschrift zu seiner Eröffnung am 20. und 21. Juni 1895. Im amtlichen Auftrage und unter Benutzung amtlicher Quellen herausgegeben von Carl Loewe. (History of the North Sea-Baltic Canal. Memorial of its opening on the 20th-21st June, 1895. Compiled by orders and from official sources. By Carl Loewe.) 62 pp., 17 pl., 8 charts. Berlin, 1895.

Short report on the North Sea-Baltic Canal, now officially called "The Emperor William Canal." Prepared in the intelligence division, war office, by Capt. E. St. C. Pemberton, R. E. 14 pp. London, July, 1895.

Eine Fahrt durch den Kaiser-Wilhelm-Kanal. Die neue Wasserstrasse zwischen der Nord- und Ostsee (mit Orientirungskarte). (A journey through the Emperor William Canal. The new water communication between the North Sea and the Baltic.) Von Bulius, Premier-Lieutenant a. D. 15 pp., 1 map. Breslau, 1895.

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Dienst-Anweisung, etc.

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## GREAT BRITAIN.

Manual of military railways, 1889. 95 pp., 17 pl. London, 1889.

Method of mounting guns on railway trucks, for service thereon. 6 pp., 5 pl. London, Army Orders, July, 1889.

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Administration report on the railways in India for 1890-1891. London, 1891. [Fd. "Reports."]

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Military railways, bridges, locomotives, and rolling stock. By Capt. C. G. Bate, R. E. (International Congress of Engineers.) [Fd. "Engineering and Fortification," United States.]

Classification and storage of explosives for transport by sea. 5 pp. London, Army Orders, October, 1891. [Fd. "Ammunition."]

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List of fares for the conveyance of troops by steamboats, so far as established by contracts or agreements between various steam packet companies and others and the war office. 6 pp. London, Army Orders, November, 1890.

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Vol. I. xii, 375 pp., 3 maps. London, 1897.

Vol. II. 405 pp., 5 maps. London, 1897.

Regimental transport (infantry). Short instructions for saddling and loading pack mules and camels. 19 pp., 8 pl. London, Army Orders, January, 1889.

Manual of instruction in regimental transport duties. 116 pp., 34 pl. London, 1892.

Transport pocketbook, or a key to transport training. By Col. J. R. Burlton-Bennet. With 56 illustrations from photographs taken by the author during training courses. 165 pp. Umballa, 1895.

Instructions for marking vehicles. 18 pp. London, Army Orders, April, 1898.

## ITALY.

Istruzione pel trasporto delle polveri da fuoco, della dinamite, o d' altri esplodenti, per servizio militare. (Instructions for the transport of powders, of dynamite, and of other explosives for the military service.) 44 pp. Roma, 1884.

Capitoli d' onere per il servizio dei trasporti del materiale d' artiglieria e del genio. (Instructions and tariff for the transport of artillery and of engineer material.) 50 pp. Roma, 1891.

Regolamento pel trasporto sulle ferrovie dei feriti e malati in guerra. 12 dicembre 1895. (Regulations for the rail transport of the sick and wounded in war. Dec. 12, 1895.) xiii, 153 pp. Roma, 1896. [Fd. "Medical Service."]

## JAPAN.

Dictionary of the principal roads, chief towns, and villages of Japan. By Dr. W. N. Whitney. 248 pp., 1 map. Tokio, 1889.

Handbook of information for passengers and shippers by the steamers of the Nippon Yusen Kaisha. 113 pp., 3 maps. [No place] 1896.

Imperial railway department. Annual report of the imperial railway bureau for the 27th fiscal year of Meiji. 13 pp. [No place, no date.]

Report on the railways of Japan. By Sir E. Satow to the Marquis of Salisbury, Jan. 9, 1896. 11 pp. [No place, no date.]

## LATIN AMERICA.

Report of the International American Conference relative to an intercontinental railway line. 215 pp., 5 maps. Washington, 1890.

Minutes of the Intercontinental Railway Commission. [Spanish and English.] 132 pp., 1 map. Washington, 1891.



## LATIN AMERICA—Continued.

- Treatise on the Southern American railways and the great international lines. By Juan José Castro. Published under the auspices of the ministry of public works of the Oriental Republic of Uruguay, and sent to the World's Exhibition at Chicago. 601 pp. Montevideo, 1893.
- Intercontinental Railway Commission. Preliminary report of the executive commission. 45 pp., 4 maps. Washington, 1893.
- The same. [Spanish text.] 53 pp., 4 maps. Washington, 1893.

## ARGENTINA.

- Dirección de ferrocarriles nacionales. Distancias kilométricas, y altitudes sobre el nivel del mar, de las estaciones de los ferrocarriles de la República. (Bureau of national railways. Distances in kilometers, and altitudes above the level of the sea, of the stations of the railways of the Republic.) 3ª edición. 301 pp., 1 map. Buenos Aires, 1895.

## BRAZIL.

- Brazilian railways; their history, legislation, and development. By Chrockatt de Sá, C. E., inspector general of railways. 40 pp. Rio de Janeiro, 1898.

## CHILE.

- Ferrocarril transandino vía Uspallata. (Transandine railway via Uspallata.) 45 pp. Valparaíso [no date].
- The transandine railway. 32 pp., 1 chart. [No place, no date.] [With the above.]
- Presentación hecha al congreso argentino por Juan E. Clark, para la construcción de un ferrocarril entre las provincias de Aconcagua i las de San Juan i Mendoza. (Argument made to the Argentine congress by J. E. Clark, on the construction of a railway between the provinces of Aconcagua and those of San Juan and Mendoza.) 15 pp. Santiago, 1872.
- Ferrocarriles garantidos. Extracto de la magnífica obra de economía política de M. Michel Chevalier. (Guaranteed railways. Extract from the superb work of Chevalier on political economy.) 16 pp. Valparaíso, 1874.
- Dos proyectos importantes. Traducido del "West Coast Mail." (Two important projects. Translation from the "West Coast Mail.") 16 pp. Valparaíso, 1874. [With the above.]
- Ferrocarril interoceánico de Buenos Aires á Valparaíso. Prospecto del tráfico. (International railway from Buenos Aires to Valparaíso. Traffic prospectus.) 35 pp. Buenos Aires, 1874.
- Ferrocarril transandino de los Andes á Mendoza. (Transandine railway from the Andes to Mendoza.) 128 pp., 1 chart. Santiago, 1893. [With the above.]
- Comunicación presentada al instituto de ingenieros sobre el ferrocarril transandino Clark. (Communication to the engineer institute on the Clark transandine railway.) Por Enrique Labatut. 50 pp., 1 chart. Santiago, 1894. [With the above.]

## LATIN AMERICA—Continued.

## CHILE—continued.

El ferrocarril transandino interoceánico entre Buenos Aires y Valparaíso. Algunos datos sobre el estado actual de la empresa. (The interoceanic transandine railway between Buenos Aires and Valparaíso. Data on the present state of the undertaking.) 52 pp. Buenos Aires, 1877.

Ferrocarril transandino. Exposición presentada al soberano congreso de Chile por D. Mateo Clark, con el objeto de desarrollar i reforzar las ideas de su solicitud anterior ya informada por la honorable comisión de gobierno del Senado. Anexos. (Transandine railway. Argument presented to the sovereign congress of Chile by D. Mateo Clark, for the purpose of developing and reenforcing the ideas contained in his former petition and already made a subject of inquiry by the senate committee on civil administration. Appendices.) 68 pp. Santiago, 1894. [With the above.]

Ferrocarril transandino por Uspallata. Recopilación de documentos i otras publicaciones. (Transandine railway through Uspallata. Collection of documents and of other publications.) 86 pp. Santiago, 1894. [With the above.]

Bridges on the transandine railway, now in course of construction by Messrs. J. E. & M. Clark & Co. Reprinted from "Engineering." 9 pp. New York, Dec. 2, 1892.

Guía oficial de bolsillo para el viajero. Ferrocarriles, vapores, almanaque, direcciones, etc. (Official traveller's pocket guide. Railways, steamers, almanac, addresses.) 82 pp. Santiago, febrero de 1895.

## MEXICO.

De México á Chicago y Nueva York. Guía para el viajero en la que se describen las principales ciudades y ferrocarriles de México y los Estados Unidos del Norte. Con profusión de grabados. (From Mexico to Chicago and New York. Traveler's guide, containing a description of the principal cities and railways of Mexico and of the United States. With many cuts.) Por S. Adalberto de Cardona. 316 pp. Nueva York, 1892.

Mexican Central Railroad. Report by Consul General Sutton, of Nuevo Laredo. [6] pp. [No place, no date.]

Itinerarios generales de la República Mexicana con expresión de las distancias en leguas y kilómetros. (General itineraries of the Mexican Republic, with distances in leagues and in kilometers.) Por Antonio García Cubas. 54 pp. México, 1881.

Anales del ministerio de fomento de la República Mexicana. (Annals of the ministry of public works of the Mexican Republic.) Tomo VIII. Railway from Mexico to Tuxpan. 500 pp. México, 1887.

Second annual report of the Mexican National Railroad Co. for the fiscal year ending Dec. 31, 1888. 37 pp., 1 map. New York, 1889.

— The same. Seventh annual report for the fiscal year ending Dec. 31, 1893. 35 pp. New York, 1894.

## LATIN AMERICA—Continued.

## MEXICO—continued.

Álbum de los ferrocarriles correspondiente al año de 1890, y comprendiendo datos generales relativos á los años anteriores, á partir del de 1873. (Railway album for 1890, including general data relative to former years, beginning with 1873.) 330 pp. México, 1892.

—— The same. Año de 1891. 434 pp. México, 1893.

Report presented by Lic. Manuel Fernando Soto, representative of the Federal Government in the Hidalgo R. R. Co. to the department of communications and public works. Translated by Wm. Thompson, professor of English in the National Commercial College. 84 pp. Mexico, 1893.

Índicador general de ferrocarriles mexicanos. (General guide to Mexican railways.) Por Agustín Díaz. 358 pp., 1 map. México, 1893.

El ferrocarril mexicano. Descripción de un viaje de la capital azteca al puerto de Veracruz, tomada de la interesante guía de viajeros intitulada: "De México á Chicago y Nueva York." Con numerosos grabados. (The Mexican railway. Description of a trip from the Aztec capital to the port of Vera Cruz, from the interesting traveler's guide called "From Mexico to Chicago and New York." With numerous cuts.) Por S. Adalberto de Cardona. 60 pp. Nueva York, 1894.

Annual report of the Mexican International R. R. Co. for the year ending Dec. 31, 1893. 26 pp. New York, 1894.

Reseña histórica y estadística de los ferrocarriles de jurisdicción federal desde agosto de 1837 hasta diciembre de 1894. (Historical and statistical review of state roads from August, 1837, to December, 1894.) 180 pp., 25 maps. México, 1895.

## NICARAGUA.

The Clayton-Bulwer treaty and the Monroe doctrine. Sen. Ex. Doc. No. 194, 47th Cong., 1st sess. 203 pp. Washington, 1892.

The certainty of the Nicaragua Canal contrasted with the uncertainties of the Eads ship-railway. By Daniel Ammen. 33 pp., 1 pl. Washington [no date].

Special report by Commissioner Thomas C. Reynolds on the condition and commerce of Nicaragua, Honduras, and Salvador. 26 pp. Washington, 1887.

Report of the Maritime Canal Company of Nicaragua. Sen. Ex. Doc. No. 5, 51st Cong., 2d sess. 15 pp., 6 maps. Washington, 1890.

A bill to amend the act entitled "An act to incorporate the Maritime Canal Company of Nicaragua," approved Feb. 20, 1889. Sen. 1218, 52d Cong., 1st sess. Dec. 23, 1891.

—— The same. Sen. 423, 53d Cong., 1st sess. Aug. 15, 1893.

—— The same. H. R. 10374, 52d Cong., 2d sess. Jan. 30, 1893.

Senate report No. 2234, 51st Cong., 2d sess. 6 pp. Washington, 1891.

Annual report of the Maritime Canal Company of Nicaragua. Sen. Ex. Doc. No. 4, 52d Cong., 1st sess. 6 pp. Washington, 1891.

## LATIN AMERICA—Continued.

## NICARAGUA—continued.

- Resolution of the legislature of the State of California, urging the passage of a bill to secure prompt construction of the Nicaragua Canal. Sen. Mis. Doc. No. 7, 52d Cong., 1st sess. 1 p. Washington, 1891.
- The interoceanic canal of Nicaragua. Its history, physical conditions, plans, and prospects. 75, 88 pp., 2 maps. New York, 1891.
- The Nicaragua Canal Company. Senate report No. 1944, 51st Cong., 2d sess. 215 pp., 10 charts. Washington, 1891.
- Report by Maj. C. E. Dutton, Ordnance Department, on the Nicaragua Canal. Sen. Mis. Doc. No. 97, 52d Cong., 1st sess. 24 pp. Washington, 1892. [Fd. "Navy and Navigation."]
- Senate report No. 1142, 52d Cong., 2d sess. 215 pp. Washington, 1892.
- Senate report No. 1262, 52d Cong., 2d sess. 42 pp. Washington, 1893.
- H. R. report No. 226, 53d Cong., 2d sess. 4 pp. Washington, 1893.
- Report of Major McFarland on the routes for a ship canal between the Atlantic and Pacific oceans, known as the Nicaragua route and the Darien or Atrato route. Ser. Ex. Doc. No. 46, 52d Cong., 2d sess. 22 pp., 1 map. Washington, 1893.
- A bill to create a department of transportation, provide for the construction of the Nicaragua Ship Canal, and for other purposes. H. R. 10009, 52d Cong., 2d sess. Jan. 4, 1893.
- Nicaragua Canal. Letter from the Acting Secretary of War in response to the Senate resolution of Mar. 29, 1894, transmitting a report on the Nicaragua Canal in its military aspects, made by Capt. George P. Scriven, Signal Corps. 55 pp. Washington, 1894.
- Interoceanic canal through Nicaragua. Report from the Committee on Foreign Relations. Senate report No. 331, 53d Cong., 2d sess. 245 pp. Washington, D. C., 1894. [Fd. "Geography."]
- The key to the Pacific. The Nicaragua Canal. By Archibald Ross Colquhoun, illustrated. 443 pp. Westminster, 1895. [Fd. "Geography."]

## PANAMA.

- Special intelligence report on the progress of the work on the Panama Canal during the year 1885. By Lieut. W. W. Kimball, U. S. Navy, assisted by Naval Cadet W. L. Clamps, U. S. Navy. H. R. Ex. Doc. No. 395, 49th Cong., 1st sess. 38 pp., 2 maps. Washington, 1886. [Fd. "Navy and Navigation."]
- Intelligence report of the Panama Canal. By Charles C. Rogers. 57 pp., 25 pl., 2 maps. Washington, 1889.

## NETHERLANDS.

- Handleiding voor onderofficieren en minderen der spoorweg-compagnie. (Guide for noncommissioned officers and subordinates of the railway company.) iv, 79 pp., 41 pl. Te Breda, 1885.
- Voorschrift voor de behandeling van het Décauville spoorweg-materieel. (Regulations for the handling of the Décauville railway material.) 18 pp. Te Breda, 1891.

## NETHERLANDS—Continued.

Regeling van het militair vervoer over de spoorwegen. (Regulations for military transportation over railroads.) vi, 84 pp. Te Breda, 1895.

Leidraad tot oefening van de troepen voor het vervoer met spoortreinen. (Guide for practicing troops for transport on railways.) 15 pp. Te Breda, 1896.

Tarieven van de prijzen voor het vervoer per tram en per stomboot van militairen, enz. (Price tariff for the transportation of military persons, etc., by rail and steamboat. Supplements to the regulations for the transport of military persons and goods.) 's Gravenhage, 1891.

Overzicht der scheepvaartkanalen in Nederland, met overzichtskaart en schetskaarten. Uitgegeven door het ministerie van waterstaat, handel en nijverheid. (Review of the navigable canals in Holland, with general map and sketch maps. Published by the ministry of rivers, canals, trade, and industry.) 2de uitgave. 254 pp., 1 pl., 1 map. 's Gravenhage, 1892.

Algemeen register van veren op de rivieren, kanalen en andere wateren des rijks. Bewerkt naar gegevens, verzameld tot en met het jaar 1895. (General list of ferries over rivers, canals, and other waters of the domain. Compiled from data gathered up to and during 1895.) 187 pp. 's Gravenhage, 1896.

Voorschrift nopens het vervoeren van krijgsvolk, paarden, oorlogstuig en verdere militaire goederen. (Regulations for the transportation of military persons, horses, warlike stores, and other military goods.) 124 pp. 's Gravenhage, 1892.

## RUSSIA.

Russian instructions for a disembarking force. Translated in the intelligence division, war office, by Capt. A. F. Barrow. 20 pp., 2 pl. London, 1888.

Siberia and the great Siberian railway. With a general map. World's Columbian Exposition at Chicago. Vol. V. xii, 265 pp., 1 map. St. Petersburg, 1893.

Das russische Eisenbahnnetz zur deutsch-österreichischen Grenze in seiner Bedeutung für einen Krieg. (The Russian railway system leading to the German-Austrian frontier in its war significance.) 43 pp., 1 map. Leipzig, 1895.

## SPAIN.

Manual militar de vías férreas. (Military railway manual.) Por F. López Garvayo. Madrid, 1880.

Operaciones de guerra en los ferrocarriles y sus telégrafos. (Railway and telegraph operations in war.) Por F. de Lössada. Madrid, 1881.

Carta de campaña del ingeniero militar de ferrocarriles. (Field pocket-book for the military railway engineer.) Por el coronel D. Luis Martín del Yerro y Villapellín. 419 pp., 10 pl. Madrid, 1886.

Indicador oficial de los caminos de hierro. (Official railway guide of the Spanish peninsula.) 123 pp., 1 map. Madrid, 1890.

## SPAIN—Continued.

Reglamento de transportes militares por ferrocarril. (Regulations on military rail transport.) 151 pp. Madrid, 1891.

Itinerarios militares de los ferrocarriles de España. De Madrid á Irún y de Villalba á Segovia y Medina del Campo. (Military itineraries of Spanish railways. From Madrid to Irún, and from Villalba to Segovia and Medina del Campo.) 74 pp., 63 maps, 9 pl. Madrid, 1894.

Mapa de ferrocarriles, con índice alfabético de estaciones. Publicado por la dirección del "Anuario de Ferrocarriles." (Railway map, with alphabetical index of stations. Published by the bureau of the railway yearbook.) 23 pp., 1 map. Madrid, 1895.

Biblioteca militar. Los ferrocarriles en la guerra. (Military library. Railways in war.) Por D. Tomás L. Taylor, teniente de ingenieros. 228 pp., 16 pl. Barcelona, 1885.

Guía general de ferro-carriles. Patrocinada por la comisión ejecutiva de las compañías y única oficial para las líneas del norte. Contiene todas las líneas de España, Portugal y principales itinerarios de Europa. Se publica todos los meses. (General railway guide. Under the patronage of the executive committee of the railway companies, and the sole official guide for the lines of the North. Contains all the lines of Spain and of Portugal, and the principal itineraries of Europe. Monthly publication.) 280 pp. Madrid, marzo de 1896.

Anuario de obras públicas. (Yearbook of public works.) 1892. 1 vol. text and 1 vol. maps. Madrid, 1894.

Estadística de obras públicas, 1893 y 1894. (Statistics of public works, 1893 and 1894.) 1 vol. text and 1 vol. maps. 748 pp., 3 maps. Madrid, 1896. [Fd. "Geography."]

Puente transbordador sistema Palacio. Memoria descriptiva. ("Shipping" bridge, Palacio system. Descriptive memoir.) Por D. Lorenzo de la Tejera y Magnín, capitán de ingenieros. 198 pp., 10 pl. Madrid, 1896.

## SWITZERLAND.

Les voitures de guerre de l'armée suisse. (Military vehicles of the Swiss army.) [Atlas of 51 plates.] Winterthur, 1882.

Les voitures de guerre de l'artillerie de campagne et de montagne de l'armée suisse. (Military vehicles of the field and the mountain artillery of the Swiss army.) 29 pl. Winterthur, 1882.

Les voitures de guerre de l'infanterie suisse. (Military vehicles of the Swiss infantry.) 7 pl. Winterthur, 1882.

Les voitures de guerre des troupes du génie de l'armée suisse. (Military vehicles of the engineer troops of the Swiss army.) 15 pl. Winterthur, 1882.

Les voitures de guerre des troupes d'administration de l'armée suisse. (Military vehicles of the administrative troops of the Swiss army.) 7 pl. Winterthur, 1882.

## SWITZERLAND—Continued.

Règlement sur le service du train pour l'armée fédérale. Introduit par arrêté du conseil fédérale du 14 mai 1880. (Regulations on the train service of the federal army. Introduced by direction of the federal council of May 14, 1880.) Lausanne, 1892. [Fd. "Horses and Draft Animals."]

I. Équipement des chevaux de service. (Horse equipment.) 86 pp.

II. École de conduite. (Drivers' school.) xii, 125 pp.

Transportation and subsistence. By Colonel Olbrecht, army of Switzerland. (International Congress of Engineers.) [Fd. "Engineering and Fortification," United States.]

## UNITED STATES.

Transportation of military property under contract, by rail, water, and wagon. 92 pp. Washington, 1884.

Statistics of railways in the United States. Interstate Commerce Commission. 390 pp. Washington, 1888.

—— The same. 566 pp. Washington, 1889.

—— The same. 983 pp., 1 map. Washington, 1890.

Report of the Commissioner of Railroads. 146 pp. Washington, 1889.

—— The same. 159 pp. Washington, 1890.

[Fd. "Reports."]

Poor's manual of railroads. 27th annual number. 1392 pp. New York, 1894.

—— The same. 28th annual number. 1412 pp. New York, 1895.

—— The same. 29th annual number. 1670 pp. New York, 1896.

The use of railroads in war. A lecture delivered before the class of officers at the U. S. Infantry and Cavalry School at Fort Leavenworth, Kans., Dec. 17, 1894. By First Lieut. Carl Reichmann, 9th Infantry. 33 pp. Fort Leavenworth, 1895.

Electric railways. Address of Hon. Martin Dodge, delivered before the State Agricultural Convention, senate chamber, Columbus, Jan. 16, 1896. 16 pp.

Material and appliances for moving heavy ordnance. By Lieut. L. A. Chamberlin, 1st Artillery. 26, 4 pp., 12 pl. Fort Monroe, 1878.

Course on military communications. By Capt. James Chester, 3d Artillery. Fort Monroe, 1882.

Part I. Military bridges. iv, 67 pp.

Parts II and III. Roads and railroads. iv, 24, 10 pp.

Tunneling Detroit River. Letter from the Secretary of War transmitting a report of a board of engineers on the practicability and approximate cost of tunneling the Detroit River at or near Detroit, Mich. H. R. Ex. Doc. No. 369, 51st Cong., 1st sess. 14 pp., 9 pl. May 8, 1890. [Fd. "Geography."]

Report of the ship-canal commission of Pennsylvania to the general assembly of 1891, respecting the feasibility of a ship canal to connect the waters of Lake Erie and the Ohio River. Harrisburg, 1891.

## UNITED STATES—Continued.

The movement for better roads. An address by Col. Albert A. Pope, of Boston, before the Board of Trade at Hartford, Conn., Feb. 11, 1890. 31 pp. Boston, 1892.

Official table of distances for the guidance of disbursing officers of the Army charged with payment of money allowances for travel. 484 pp. Washington, 1894.

American military roads and bridges. By Prof. P. S. Michie, U. S. Military Academy. (International Congress of Engineers.) [Fd. "Engineering and Fortification."]

The transport of troops and supplies. By Brig. Gen. S. B. Holabird, U. S. Army, retired. (International Congress of Engineers.) [Fd. "Engineering and Fortification."]

## GENERAL.

Bradshaw's continental railway, steam transit, and general guide, for travelers through Europe. lvi, 584 pp. London, 1890.

Special consular reports: Highways of commerce. The ocean lines, railways, canals, and other trade routes of foreign countries. Vol. 12. Issued from the Bureau of Statistics, State Department. 763 pp., 5 maps. Washington, 1895.

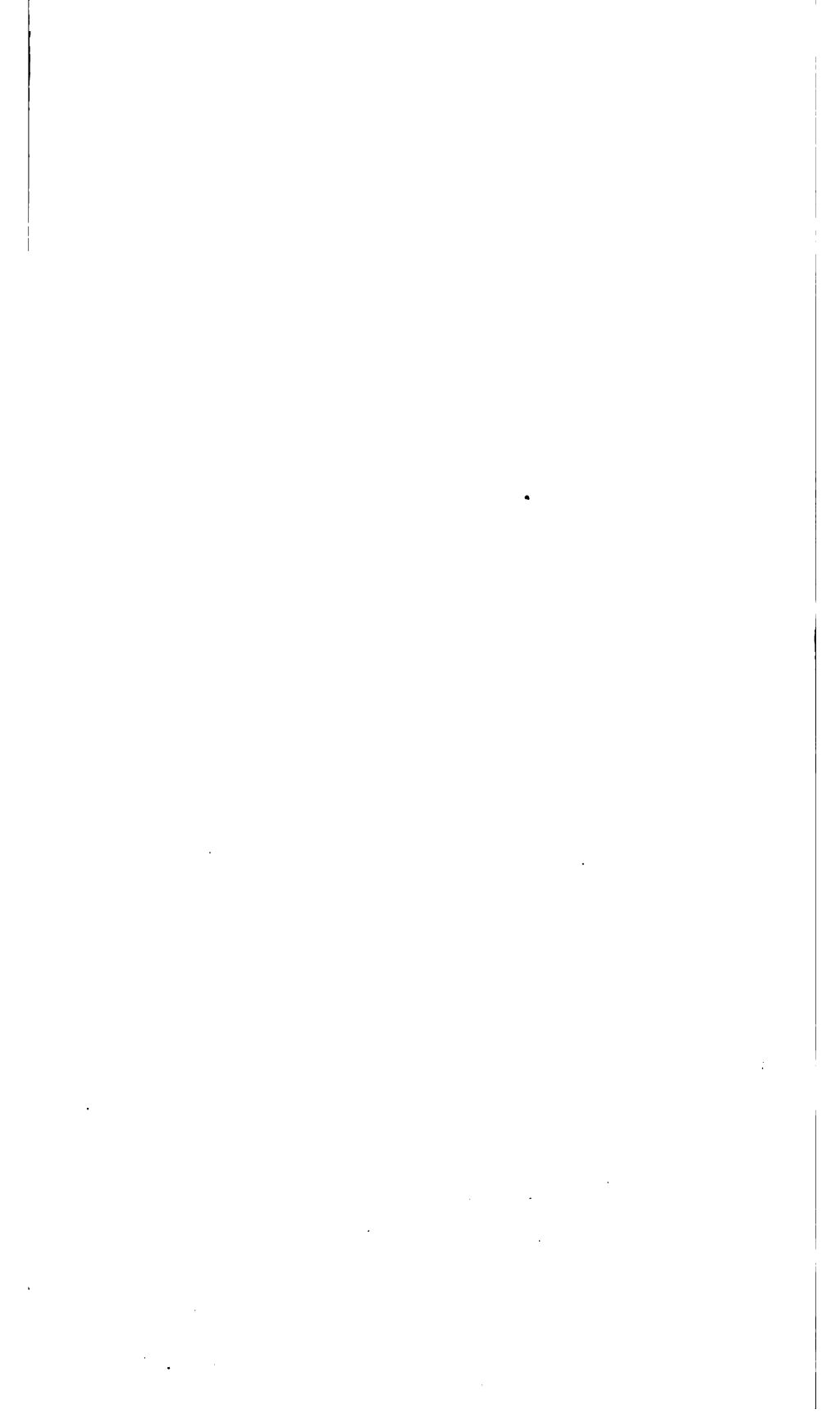
Military railways, bridges, locomotives, and rolling stock. Capt. C. G. Bate, royal engineers. (International Congress of Engineers.) [Fd. "Engineering and Fortification."]

Streets and highways in foreign countries. Special consular report, 1891.

Europäische Kriegsbrücken-Systeme. (European systems of pontoon bridges.) By Hugo von Ripper, captain in the 3d Austrian pioneer battalion. Reprint from the "Mittheilungen über Gegenstände des Artillerie und Geniewesens." 104 pp., 3 pl., 20 tables. Wien, 1895.

The transport of troops and supplies. By Brig. Gen. S. B. Holabird, U. S. Army, retired. (International Congress of Engineers.) [Fd. "Engineering and Fortification."]





## APPENDIX.

### LIST OF PRINCIPAL MILITARY NEWSPAPERS, MAGAZINES, AND PERIODICALS.

[NOTE.—The price given is that charged at place of publication.]

#### AUSTRIA-HUNGARY.

	Per year.
<b>Minerva.</b> An illustrated military and scientific journal, with supplements. (Semimonthly).....	\$5.00
<b>Militär-Zeitung.</b> (Semiweekly).....	7.60
<b>Mittheilungen des k. k. Kriegs-Archivs, Abtheilung für Kriegsgeschichte.</b> Published by the direction of the imperial royal war archives. New series. Published irregularly. Each part about .....	1.60
<b>Mittheilungen des k. k. militär-geographischen Instituts.</b> Published by order of the imperial war ministry. Issued irregularly. Price per number about.....	2 marks (50c)
<b>Die Reichswehr.</b> (Semiweekly).....	\$5.00
One of the most important Austrian military publications.	
<b>Sport.</b> The official organ of the Vienna Trotting Association, of the Societies of the Austro-Hungarian Trotting Association, of the Campaign Riding Society of Vienna, and of the Gallician Racing Society. Conducted by Rud. Sturzer. (Weekly).....	5.65
<b>Streffleur's österreichisch-militärische Zeitschrift.</b> (Monthly).....	7.00
<b>Mittheilungen über Gegenstände des Artillerie- und Geniewesens.</b> Wien. (Monthly.)	
An Austrian service periodical for the artillery and engineers. Full of excellent papers on explosives, fortifications, military engineering, the art of war, and military science in general.	
<b>Organ der militär-wissenschaftlichen Vereine.</b> Wien, 1889-1894. (Monthly.)	
Austrian military journal, with articles on the art of war, tactics, strategy, military geography, and campaigns, with elaborate reviews of books on military subjects.	

#### BELGIUM.

<b>Archives medicales belges.</b> (Monthly).....	\$2.00
<b>Bulletin de la presse et de la bibliographie militaires.</b> (Twice a month).....	1.00
Published by the 1st direction (2d subdirection) of the Belgian war ministry. A valuable review, corresponding in many respects to the French "Revue militaire de l'étranger."	
<b>Ex-sous-officier (L').</b> (Weekly).....	.45
<b>Soldat belge.</b> (Weekly).....	.50

## BELGIUM—Continued.

Revue de l'armée belge (formerly <i>Revue militaire belge</i> ). Bruxelles. (Bimonthly) .....	2. 60
A valuable military serial magazine covering the whole field of military art and science. Artillery, armament, bibliography, strategy, tactics, battles, campaigns, sieges, organization, military geography, etc., are fully treated.	
La Belgique militaire. (Weekly) .....	2. 00

## CANADA.

The Canadian Military Gazette, Toronto. (Semimonthly) .....	\$2. 00
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## FRANCE.

Annales des ponts et chaussées. (Official.) (Monthly) .....	\$6. 60
Archives de médecine et de pharmacie militaires. (Annual) .....	—
Armée territoriale (L') .....	\$2. 40
Avenir militaire (L'). (Semiweekly) .....	3. 60
Le bibliographe militaire. (Monthly) .....	. 40
Bulletin de la bibliographie militaire. (Monthly) .....	—
France militaire. (Daily) .....	\$4. 80
Mémorial des poudres et salpêtres. (Quarterly) .....	2. 50
Progrès militaire. (Semiweekly) .....	3. 60
Revue maritime et coloniale. (Monthly) .....	11. 20
Revue militaire universelle. (Monthly) .....	5. 00
Revue du service de l'intendance militaire. (Bimonthly) .....	3. 30
La vie militaire. Bulletin de la bibliographie militaire. (Monthly) .....	1. 60
Mémorial de l'artillerie de la marine. (Official.) Only officers of the French army and navy have a right to subscribe. Other subscribers are taken occasionally as a matter of favor. Issued irregularly. Price per year (for French officers) .....	10 francs (\$2. 00)
Journal des sciences militaires. <i>Revue militaire française</i> . (Monthly.) Price per year for France .....	\$7. 00
Devoted to the art of war and military science generally. Many valuable papers on strategy, tactics, campaigns, both ancient and modern, appear in this journal annually.	
Revue d'artillerie. (Monthly.) Paris. Price per year for countries of the postal union .....	4. 40
French service review, devoted principally to artillery affairs, yet giving much attention to military science generally.	
Revue de cavalerie. (Monthly.) Paris. Price per year for countries of the postal union .....	6. 60
French cavalry magazine, articles on cavalry strategy and tactics, histories of the French and foreign cavalry, book reviews and notices, biographies, official general orders, etc.	
Revue du cercle militaire; bulletin des réunions d'officiers des armées de terre et de mer. (Weekly.) Paris. Price per year for countries of the postal union (reduced rates for officers of the French army and navy) .....	5. 40
A French journal devoted to military matters in Europe and the world in general. Much information relative to foreign armies, military geography, sanitary service, statistics, bibliography, etc.	

## FRANCE Continued.

Revue du génie militaire. (Monthly.) Paris. Price per year (postal union) .....	5.40
Journal of the French military engineers. Papers on campaigns, both French and foreign, are given; much attention paid to military engineering in general, fortification, and the statistics of engineer troops; also, the official general orders of the French war office, so far as they relate to the engineers.	
Revue d'infanterie. (Monthly.) Paris. Price per year for foreign countries .....	5.00
French infantry review, giving papers on infantry tactics, campaigns, small arms, gunpowder, the internal economy of infantry organizations, reviews of books on military matters, etc. Colonel Belhomme's history of the French infantry appeared in this magazine.	
Revue militaire de l'étranger. (Monthly.) Paris. Price per year for foreign countries .....	3.00
An official French magazine, giving details of the different foreign armies. Their personnel, administration, equipment, pensions, recruiting, and general statistics are given, as also the military geography, army maneuvers, etc.	
Spectateur militaire. (Semimonthly.) Paris. Price per year for foreign countries .....	7.00
A collection of papers on military art, science, and history. Battles and campaigns are given at length, and the magazine may be best described as being an epitome of military progress and history for the past seventy years.	

## GERMANY.

Allgemeine Militär-Zeitung. Conducted by Captain Zernin. (Published semiweekly) .....	24 marks (\$6.00)
Annalen der Hydrographie und maritimen Meteorologie. (Published by the German naval observatory) .....	per year, 3 marks (70c)
Archiv für die Artillerie- und Ingenieur Offiziere des deutschen Reichs-Heeres. Editor, von Schroeder. (Monthly.) .....	per year, 12 marks (\$3.00)
Deutsche Armee-Zeitung. A garrison paper for the whole German army. Editor, S. v. Sanden. (Weekly) .....	per year, 8 marks (\$2.00)
Deutsche Heeres-Zeitung. Journal for officers of all arms of the German army and navy. (Semiweekly) .....	per quarter, 6 marks (\$1.50)
Deutsche Militär-ärztliche Zeitschrift. (Monthly.) .....	per year, 15 marks (\$3.75)
Deutsche Reiter-Zeitung. A journal devoted to cavalry affairs. Conducted by S. v. Sanden. (Quarterly.) .....	per quarter, 1 mark 50 pf. (40c)
Deutscher Soldatenhort. An illustrated journal of all arms of the German army. Published by H. v. Below, thirty-six numbers a year .....	quarterly, 1 mark 80 pf. (45c)
Hippologische Revue. An illustrated journal covering the whole field of hippology. Published by Count C. G. Wrangelle. (Semimonthly) .....	quarterly, 1 mark 50 pf. (40c)
Internationale Revue über die gesammten Armeen und Flotten. Founded by von Witzleben-Wendelstein. (Monthly.) .....	per quarter, 6 marks (\$1.50)

## GENERAL—Continued.

- Jahrbücher für die deutsche Armee und Marine.** Responsible director, Lieutenant Colonel Schnackenburg. (Monthly.)  
per year, 32 marks (\$8.00)
- Marine-Rundschau.** Edited in the special division of the imperial navy department. (Monthly) ..... quarterly, 75 pf. (18c)
- Militär-Anwärter.** Journal for all military aspirants of the German army. (Semimonthly) ..... per quarter, 1 mark 80 pf. (45c)
- Militärisches.** Zeitschrift für internationale Kriegswissenschaft und Kriegsgeschichte. Begründet durch von Prollius. Leipzig, Zuckschwerdt & Co. (Started Jan. 1, 1896.) (Monthly.)  
per quarter, 4 marks 75 pf. (\$1.20)
- Militär-Literatur-Zeitung.** A literary supplement to the Militär-Wochenblatt. Gen. v. Estorff. (Monthly) .. per year, 5 marks (\$1.25)
- Militär-Wochenblatt.** Conducted by Gen. v. Estorff. With pamphlet supplements (number not fixed). (Semiweekly.)  
Price per quarter, including pamphlet supplements and the Militär-Literatur-Zeitung. .... 5 marks (\$1.25)
- Militär-Zeitung für die Reserve- und Landwehr-Offiziere.** (Weekly)..... per year, 16 marks (\$4.00)
- Neue militärische Blätter.** Founded by G. v. Glasenapp. (Two semiannual volumes of 6 numbers each.) (Monthly.)  
per year, 32 marks (\$8.00)
- Das Pferd.** Organ for all matters relating to horses, and for the German horse-breeding societies. (Semimonthly.)  
per year 12 marks (\$3.00)
- Der Soldatenfreund.** A journal for the popular instruction and entertainment of the Prussian soldier. Founded by L. Schneider. Conducted by Major von Leszczynski. (Monthly.)  
per year, 9 marks (\$2.25)
- Der Sporn.** Central journal for all matters pertaining to German horse racing. (Semiweekly) ..... 30 marks (\$7.50)
- Unteroffizier-Zeitung.** A military weekly for the army and navy of Germany. (Weekly)..... per year, 6 marks (\$1.50)

## GREAT BRITAIN AND COLONIES.

- Arms and Explosives.** (Monthly)..... \$1.68  
A technical and trade journal.
- Army and Navy Gazette (London).** (Weekly)..... £1 12s. 6d. (\$7.90)  
A leading British service periodical, edited by Dr. W. H. Russell, containing much relating to current British campaigns, notably Egyptian and African operations.
- Army, Navy, and Defense Review.** Published in Sidney, Australia ..... \$1.50
- Broad Arrow, London.** (Weekly)..... 30s. 6d. (\$7.42)  
One of the leading service periodicals.

## GREAT BRITAIN AND COLONIES—Continued.

Journal of the Royal United Service Institution. (Monthly.)

Single copy, 2s. (48c)

A monthly military and naval publication illustrated with diagrams, maps, and plans. One of the leading service journals in the English language. Containing articles on every known professional topic, accounts of campaigns, diaries of officers in various parts of the world, army maneuvers, dress, equipments, naval progress, armor, torpedoes, etc.

Journal of the Royal United Service Institution. (India.)

Lectures of the Aldershot Military Society.

Navy and Army (illustrated). (Fortnightly.) ..... per copy, 12c

Proceedings Royal Artillery Institution. (Monthly.)

United Service Magazine. (Monthly) ..... 27s. (\$6.53)

Royal Artillery Institution, Proceedings of the. Woolwich.

A valuable service journal, devoted to the artillery arm, with many descriptions of battles, campaigns, and sieges, military geography, ordnance, small arms, etc.

Professional Papers of the Corps of Royal Engineers. Papers on subjects connected with the duties of the royal engineers. Chatham and London. Valuable papers on fortifications, military bridges, civil engineering, machinery, etc. ....

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United Service Journal and Naval and Military Magazine. (Generally known as "Colburn's United Service." Succeeded in 1890 by the United Service Magazine.)

An excellent English service magazine, giving British naval and military operations throughout the world during a period of sixty years, with many historical accounts of the Peninsular and antecedent campaigns, foreign wars, records of service, naval and military biographies, and the general orders, etc., pertaining to the British service. The war of 1812 and the war for the Union treated of in many articles.

## ITALY.

Giornale d' artiglieria e genio. (Official.) Published by E. Voghera, via Nazionale, N. 201, Rome. (Semimonthly.)

Price per year for countries of the postal union ..... 14 francs (\$2.80)

A serial publication devoted to the two arms of the service it is named after.

Many articles on gun manufacture, inventions in firearms, engineering researches, and the military art in general.

Rivista di artiglieria e genio. (Monthly.) Roma.

Italian military review, with papers on fortification, coast defense, and military engineering generally, artillery and small arms inventions, gunpowders, etc. Good military book reviews, bibliography, etc.

Esercito italiano. (Three times a week.) Per year for countries of the postal union .....

\$5.60

Rivista militare italiana. (Monthly).....About 10 francs (\$2.00)

## LATIN AMERICA.

## ARGENTINA.

Revista científico-militar. (Buenos Ayres.)

## BRAZIL.

Revista marítima brasileira.

## NETHERLANDS.

Militaire weekblad. (Weekly).....	\$3. 28
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Indisch militair tijdschrift, Batavia, Java. (Monthly).....	6. 50
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Revista militar. (Semimonthly) .....	\$2. 60
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## RUSSIA.

Razviedtchik. (The scout.) (Weekly).....	\$5. 20
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## SPAIN.

Memorial de ingenieros del ejército. (Annual).....	—
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Memorial de artillería. (Monthly.) Madrid.	

Published for the artillery of the Spanish army, and contains various articles on artillery in general, coast defense, foreign military matters, many articles relative to Cuba, etc.

## SWEDEN AND NORWAY.

Kongl. Krigsvetenskaps-Akademiens Handlingar och Tidskrift. (Monthly.) Stockholm.

A Swedish military journal, giving papers on various military subjects, etc.

## SWITZERLAND.

Allgemeine schweizerische Militär-Zeitung. (Organ of the Swiss army.) Conducted by Elgger. (Weekly.) Per year, 8fr. (\$1. 54)	
Militär-Schulen. (Annual).....	—
Revue militaire suisse. Published at Lausanne. (Monthly.)	
Price per year (for countries of the Postal Union) ....	10 francs (\$2. 00)
Schweizerische Monatschrift für Offiziere aller Waffen. Published by Hungerbühler. (Monthly) .....	Per year, 5 francs (\$1. 00)
Schweizerische Zeitschrift für Artillerie und Genie. (Monthly.)	
Per year.....	7 fr. 50 (\$1. 50)

## UNITED STATES.

Army and Navy Journal. (Weekly.) New York.

Army and Navy Register. (Weekly.) Washington.

Franklin Institute Journal. Philadelphia.

Devoted to the useful arts and sciences. Inventions, machinery, civil engineering, manufactures, etc., fully described and treated of herein.

Journal of the Military Service Institution of the United States. (Bimonthly.) Governors Island.

Contains professional and historical essays of great value, written almost entirely by officers of the Army. Not only are all branches of military literature fully treated, but also scientific matters bearing directly or indirectly upon the art of war. The series of historical articles on the staff departments and separate line organizations is of great historic value.

Journal United States Artillery. Fort Monroe.

Comprises articles by officers of the United States artillery, the papers being in the line of the most recent thought, experiments, and research. Among the excellent features of this periodical are the "Professional notes" and the "Book notices," while a synopsis of the contents of all the service periodicals of different countries is given in each number.

Journal United States Cavalry Association. Fort Leavenworth, Kans.

Many articles on cavalry horses, arms, and equipments; strictly a service journal.

Railroad and Engineering Journal. Continued as the American Engineer and Railroad Journal. New York.

The American Railroad Journal and Van Nostrand's Engineering Magazine have been consolidated in this publication. Devoted to railroad interests in general.

Scientific American. New York. Together with the Scientific American Supplement. New York.

Articles upon inventions, patents, engines, machinery, canals, docks, dams, public works of all kinds, steam vessels, ordnance, and science in general.

Scientific American, Architects and Builders' Edition. New York, 1885-86.

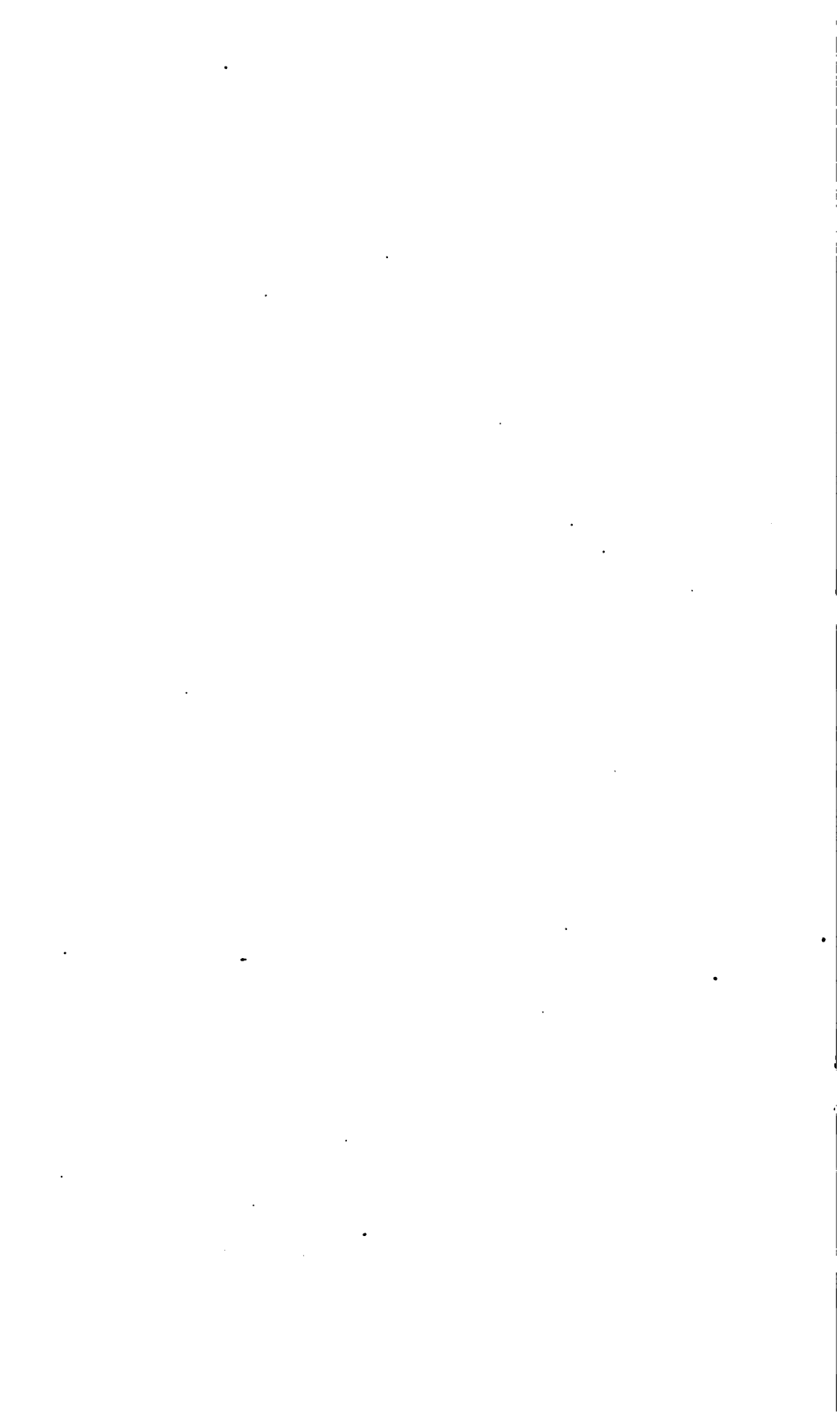
United Service. New series. Philadelphia.

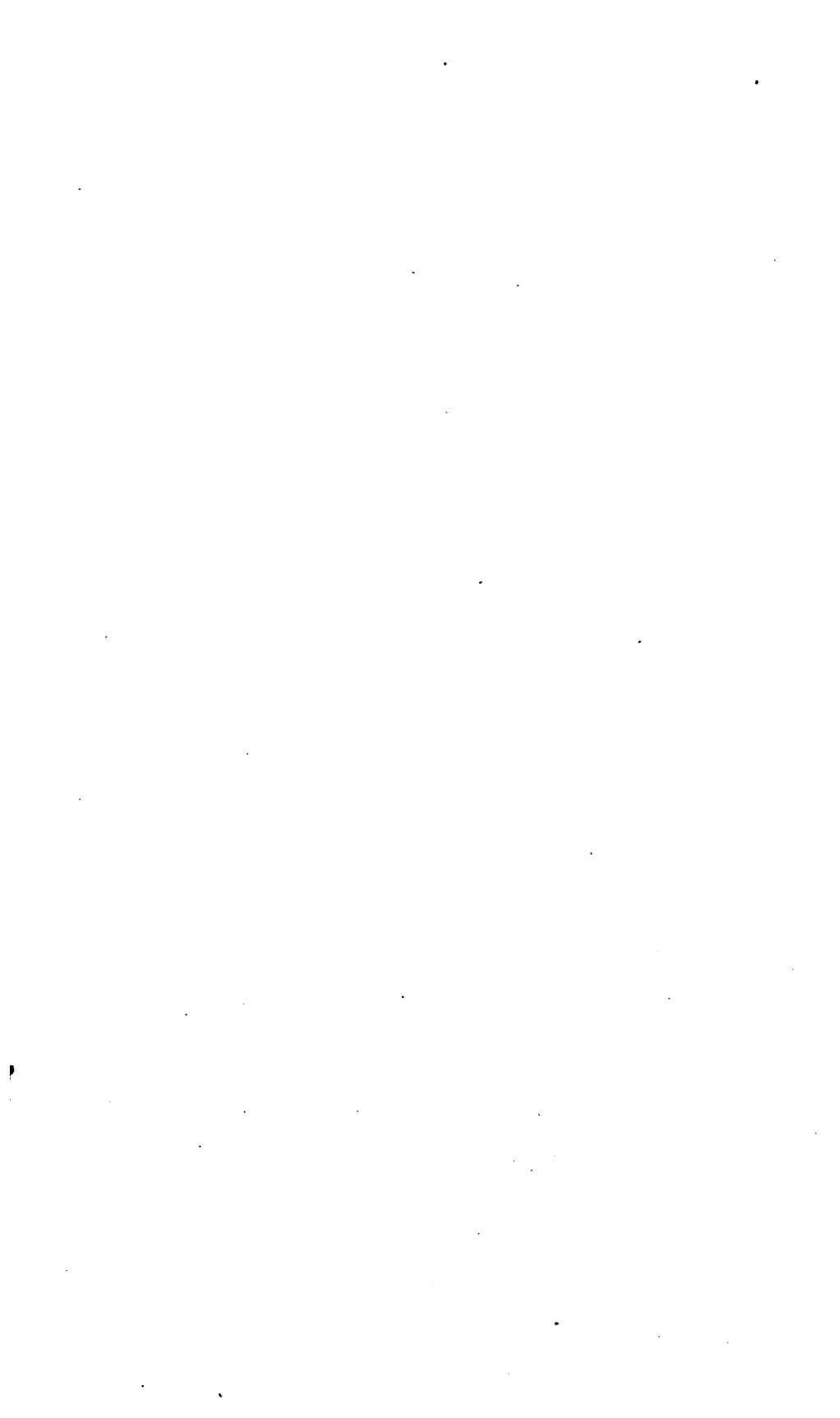
Devoted to naval and military matters—United States predominating; much about the war for the Union, foreign military and naval affairs, and service matter in general.

United States Naval Institute Proceedings. Annapolis (Md.).

Quarterly magazine devoted to naval interests, armor and armored vessels, guns, projectiles, torpedoed, naval inventions, and naval science fully treated of.







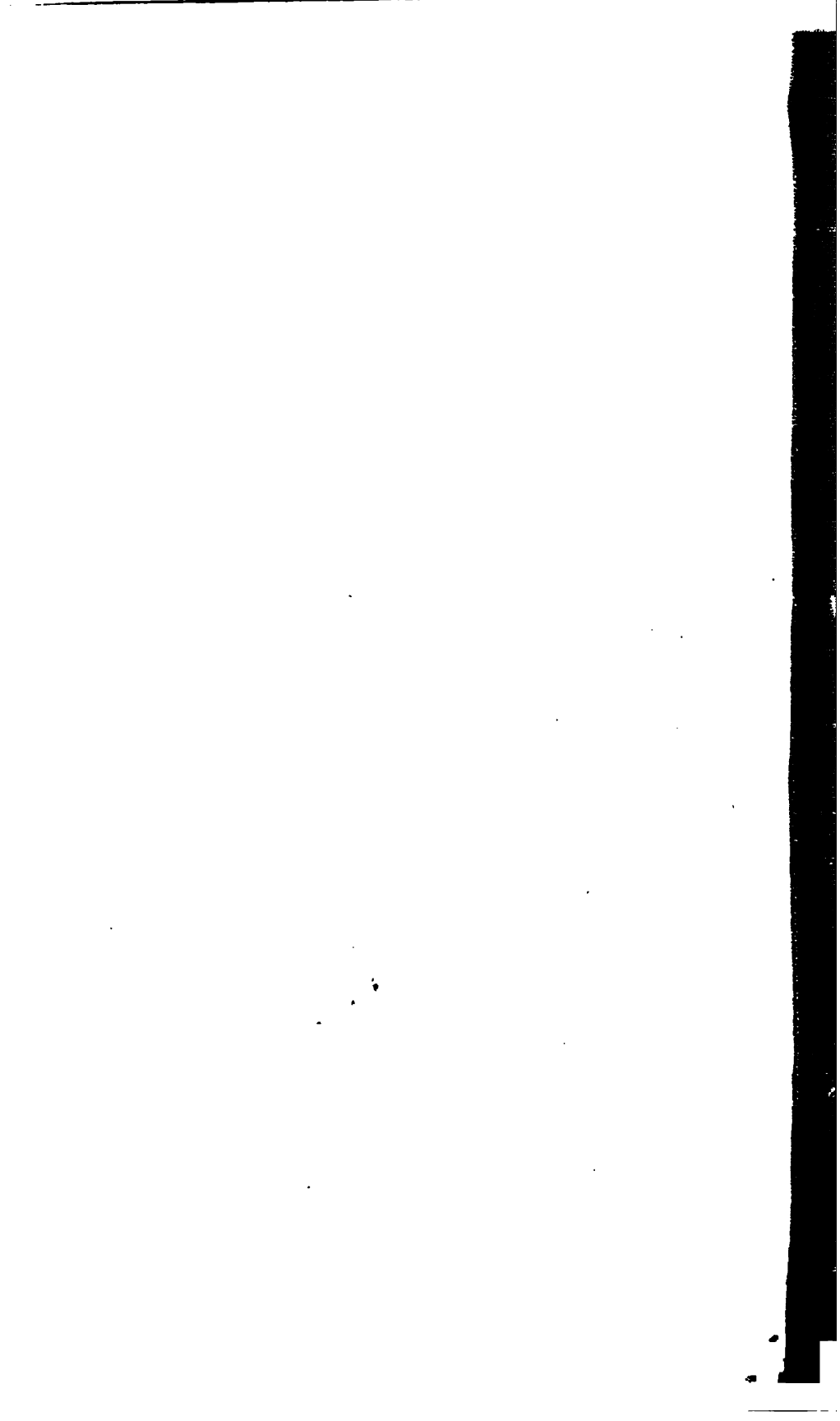


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